

Appendix C.

Statistical Methodology

MAIL LIST MODEL

Classification analysis was performed to predict the probability that an addressee on the 1992 mail list operated a farm, and thereby separated the preliminary mail list into probable farm and probable nonfarm classes. The analysis was used to reduce the preliminary census mail list of 3.78 million records to a final mail list size of 3.55 million records. All 3.55 million addresses on the final mail list received a census of agriculture report form.

Records from the 1987 final census mail list were used to build a 1992 prediction model for the 1992 analysis. Classification and Regression Trees (CART) software analyzed characteristics of known 1987 farm and nonfarm operations to determine which were most useful in predicting farm and nonfarm classes. Record characteristics such as the source of the mail list record, number of source lists on which the record appeared, expected value of agricultural sales, and geographic location were used to separate mail list records into model groups. (Sources included the previous agriculture census mail list, the Internal Revenue Service administrative records, U.S. Department of Agriculture, and special commodity lists.) The proportion of 1987 census farm records in each model group was calculated to provide an estimate of the probability that an addressee in the group operated a farm.

After the model groups were defined, each address record on the 1992 preliminary mail list was assigned to a model group by matching record characteristics to model group characteristics. Records belonging to the groups with the highest farm probability were those more likely to be farms according to the classification tree methodology. The model, followed by analyst reviews, was used to remove 229,700 records from the preliminary mail list (those in model groups with the lowest farm probability), and thereby designated the 3.55 million records with the highest farm probability to receive the census report form. This procedure was used to obtain a more complete census enumeration of farm operations without excessive respondent burden and data collection cost.

CENSUS SAMPLE DESIGN

Each of the 3.55 million name and address records on the census mail list was designated to receive one of three different types of census report forms. The three forms were the nonsample form, the screener form, and the

sample form. Sections 1 through 20 and 27 through 32 of the sample form are identical to sections on the nonsample form. The sample form, sections 21 through 26, contains additional questions on usage of fertilizers and chemicals, farm production expenditures, value of machinery and equipment, value of land and buildings, and farm-related income. The screener form is identical to the nonsample form with questions added in section 1 to allow quick identification of nonfarm addresses. These three different forms were used to reduce the response burden of the census, while providing reliable information on a large number of data items.

The sample form was mailed to all mail list records in Alaska, Hawaii, and Rhode Island, and to a sample of records in other States selected from the final mail list. Addresses were selected into the sample with certainty (1) if they were expected to have large total value of agricultural products sold or large acreage, (2) if they were multiunit operations (i.e., separate farms in more than one location), (3) if they had other special characteristics, or (4) if they were in a county with less than 100 farms in 1987. Other addresses in counties containing 100 to 199 farms in 1987 were systematically sampled at a rate of 1 in 2, and other addresses in counties containing 200 farms or more in 1987 were systematically sampled at a rate of 1 in 6. This differential sampling scheme was used to provide reliable data for the sample sections of the report form for all counties. When a nonsample large farm was identified during processing, a supplemental form that contained the additional sample data inquiries was mailed.

To determine which mail list records would receive the screener form, all mail list records not designated for the sample were sorted by model group farm probability as specified by the mail list model. The 412,000 mail list records in the model groups with the lowest probability of being farms and with an expected total value of agricultural product sales less than \$25,000 were designated to receive the screener report form. The remaining mail list records received the nonsample report form.

CENSUS ESTIMATION

The 1992 Census of Agriculture used two types of statistical estimation procedures. These estimation procedures accounted for nonresponse to the data collection and for the sample data collection. These procedures are necessary because some farm operators never respond to

the census despite numerous attempts to contact them, and the estimates for the sample data are based on a sample of farm operators rather than a full enumeration.

Whole Farm Nonresponse Estimation

A statistical estimation procedure was used to account for nonrespondent farm operators to the census. We excluded large and unique farm operations that received intensive telephone followup during census processing, assuming complete response from them. A stratified systematic sample of remaining census nonrespondents were contacted by enumerators using a computer-assisted telephone interview system. Five sample strata were defined based on expected value of sales, previous census status, and whether the record was identified by the mail list model to receive the screener report form. The nonresponse survey telephone interview was designed to provide sufficient information to determine the farm status of each record.

In situations where the nonresponse survey case could not be contacted, the contact person refused to cooperate, or when no phone number could be obtained, a screener report form was sent by certified mail.

Estimates of the proportion of census nonrespondents that operated farms were made for each stratum in the State using survey results and applied to the total number of census nonrespondents in that stratum. The number of census nonrespondents that operated farms for each county by stratum was then derived. This estimation procedure is based on the assumption that the distribution of farms in a stratum by county is the same for census nonrespondents as for census respondents.

Certain census respondent farms which exhibited "rare" commodities were designated as "ineligible" to represent census nonrespondent farms and were excluded from the nonresponse weighting operation. The procedure explained below was performed with only the eligible respondent cases: Within each stratum in a county, a noninteger nonresponse weight was calculated and assigned to each eligible respondent farm record. The noninteger nonresponse weight is the ratio of the sum of the estimated number of nonrespondent farms from the nonresponse survey and the number of eligible census respondent farms to the number of eligible census respondent farms. Stratum controls were established to ensure that this weight was never greater than 2.0. The noninteger nonresponse weight was used in the calculation of the final weight for the sample items. The noninteger nonresponse weight was randomly rounded to an integer weight of either 1 or 2 for each record for tabulating the complete count items for publication.

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentages in these tables are the percents of the census values contributed by nonresponse estimation. These indicate the potential for bias in published figures resulting from nonresponse to the census. The estimates provided

in these tables do not reflect the effect of item nonresponse to individual census data items. The effect of item nonresponse is discussed in the Census Nonsampling Error section.

Table A. Percent of State Totals Contributed by Whole Farm Nonresponse Estimation: 1992

Item	Percent of total
Farms number.	17.9
Land in farms acres.	9.3
Estimated market value of land and buildings ¹ \$1,000.	3.6
Market value of agricultural products sold \$1,000.	2.8
Harvested cropland acres.	5.0
Corn for grain or seed acres.	5.0
Wheat for grain acres.	3.0
Livestock and poultry inventory:	
Cattle and calves number.	13.4
Hogs and pigs number.	6.5
Hens and pullets of laying age number.	3.3

¹Data are based on a sample of farms.

Sample Estimation

Sample data estimates the population totals that would have resulted from a complete census for the items in sections 21 through 26 of the sample report form. The estimates were obtained from a ratio estimation procedure that resulted in the assignment of a weight to each respondent record containing sample items. For any given county, a sample item total was estimated by multiplying the data items for each farm in the county by the corresponding sample weight and summing over all sample records in the county.

Each respondent sample farm was assigned a sample weight for use in producing estimates for all sample items. For example, if the weight given to a sample farm had the value 6, all sample data items reported by that farm would be multiplied by 6. The weight assigned to a sample certainty farm was 1.

Other than certainty farms, within a county, the ratio estimation procedure for farms was performed in three steps using three variables. The first variable contained eight 1992 total value of agricultural production (TVP) groups. Both the second and third variables, Standard Industrial Classification (SIC) code and farm acreage, contained two groups. The three sets of groups were as follows:

TVP	SIC	Acres
\$1 to \$999	01 All crops	1 to 69
\$1,000 to \$2,499	02 All livestock	70 or more
\$2,500 to \$4,999		
\$5,000 to \$9,999		
\$10,000 to \$24,999		
\$25,000 to \$49,999		
\$50,000 to \$99,999		
\$100,000 or more		

The first step in the estimation procedure was to classify the sample records into 32 mutually exclusive initial post strata formed by the three sets of groups. The total and sample farm counts were expanded to account for nonresponse. Each cell containing sample farm records was assigned an initial sample weight equal to the ratio of the total farm count to the sample farm count. This weight was approximately equal to the inverse of the probability of selecting a farm for the census sample.

The second step in the estimation procedure was to combine, if necessary, the 32 initial post strata to increase the reliability of the ratio estimation procedure. Any stratum that contained less than 10 sample farms after nonresponse adjustment or had a weight greater than two times the mail sample rate was collapsed with another stratum. The mail sample rate was either 2 or 6, depending on whether the county had a 1 in 2 or 1 in 6 sample selection rate. The collapsing occurred within the initial 32 post strata according to a specified collapsing pattern. After the collapsing process was completed, new total farm counts and sample farm counts were computed from each of the final post strata and were used to calculate final sample weights.

The final step consisted of assigning the noninteger final post stratum weight to the sample farm records in each post stratum. The weight is the ratio of total farm count to sample farm count in each final post stratum. The noninteger sample weight, the product of the noninteger final post stratum weight and the nonresponse weight, was randomly rounded to an integer weight for tabulation. If, for example, the final weight for the farms in a particular post stratum was 7.2, then 0.2 or one-fifth of the sample farms in this post stratum were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

CENSUS SAMPLING ERROR

The sample for the 1992 Census of Agriculture is only one of a large number of possible samples of the same size that could have been selected using the same sample design. Sample refers to the sample for both the nonresponse survey and the selection of farms to receive the sample report forms. Estimates derived from all the possible samples would differ from each other only by random variation.

The standard error or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The percent relative standard error of an estimate is defined as 100 times the standard error of the estimate divided by the value of the estimate.

If all possible samples were selected, each of the samples were surveyed under essentially the same conditions, and an estimate and its standard error were calculated from each sample, then:

1. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the average value of all possible samples.
2. Approximately 95 percent of the intervals from 1.96 standard errors below the estimate to 1.96 standard errors above the estimate would include the average value of all possible samples.

The following example illustrates the computations necessary for producing a confidence interval for an estimate. Assume that the estimate of number of farms for a State is 94,382 and the relative standard error of the estimate is .1 percent (0.001). Multiplying 94,382 by 0.001 yields 94, the standard error; therefore, a 90-percent confidence interval is 94,227 to 94,537 (i.e., 94,382 plus or minus 1.65 x 94). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 90 percent of these intervals would contain the figure obtained from a complete enumeration. Similarly, a 95-percent confidence interval is 94,198 to 94,566 (i.e., 94,382 plus or minus 1.96 x 94).

Census items were classified as either complete count or sample count items. Complete count items were asked of all farm operators. Examples of complete count items were land in farms, harvested cropland, livestock inventory and sales, crop acreage, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics.

Sample count items were asked only of a sample of farm operators. These items appeared only in sections 21 through 26 of the sample report form. Sample count items were included under the following section headings: commercial fertilizers, chemicals, production expenses, farm machinery and equipment, value of land and buildings, and farm-related income.

Variability, measured as percent relative standard error, in the estimates of complete count items is due only to the nonresponse survey estimation procedure. Variability in the estimates of sample count items is due to both the nonresponse survey estimation procedure and the census sample selection and estimation procedure. Thus, variability in the sample count item estimates tends to be larger than the variability in the complete count item estimates.

Table B provides the generalized reliability estimates of the estimated number of farms in a county reporting complete count and sample count items. The top half of the table shows the percent relative standard error for estimated number of farms in a county reporting a complete count item and the bottom half a sample count item. These are derived from regression equations. Separate regression equations were used for complete count items and sample count items. Each regression equation was fit with the estimated number of farms in a county reporting an item as the independent variable and the relative variance of that estimate as the dependent variable for all counties in the State. For sample count items, only data

from counties sampled at a rate of 1 in 6 are used in the estimation of the regression equation.

Table B. Reliability Estimates for Number of Farms in a County Reporting a Complete Count Item or Sample Count Item: 1992

Farms	Relative standard error of estimate (percent)
COMPLETE COUNT ITEM	
Number of farms reporting:	
25	6.6
50	4.5
75	3.6
100	3.0
150	2.2
200	1.7
300	1.0
500	.8
750	.6
1,000	.6
1,500	(X)
2,000	(X)
SAMPLE COUNT ITEM	
Number of farms reporting:	
25	34.8
50	26.3
75	22.7
100	20.7
150	18.5
200	17.3
300	16.0
500	14.8
750	14.2
1,000	13.9
1,500	(X)
2,000	(X)

To illustrate the use of this table, assume that the estimate of the number of farms reporting hogs and pigs for a particular county, as given in county table 15, is 89. Since hogs and pigs is a complete count data item, refer to the first part of table B and use the estimated percent relative standard error of the estimate from the row with farm count equal to or just less than the estimated number of farms, 89. For this example, the percent relative standard error of the estimate comes from the row for 75 farms reporting. For sample count items, follow the same procedure using the second part of table B. For counties with fewer than 100 farms in the 1987 Census of Agriculture, variability in sample count item estimates comes only from nonresponse survey estimation procedures; thus, the estimated relative standard error for a sample count item in these counties may be obtained using the first part of table B.

Table C presents the percent relative standard error of selected State data items for all farms, and table D presents the percent relative standard error of selected State data items for all farms with sales of \$10,000 or more.

Table E presents the percent standard error for percent change in State totals from 1987 to 1992. The general

purpose of the percent change estimate is to provide a relative measure of the difference in a characteristic between censuses. The relative change for a given characteristic is defined as the ratio of the difference of the 1992 and the 1987 estimate for that characteristic to the 1987 estimate. This ratio is multiplied by 100 to obtain the percent change. The percent standard error of a percent change estimate, then, is the standard error of the ratio multiplied by 100.

Table F presents the percent relative standard error for State and county totals for selected data items. The percent relative standard error of the estimate for the same item differs among counties in the State. Reasons for this are differences among counties in (1) the total number of farms, (2) the number of large farms included with certainty, (3) the size classifications of the farms sampled, (4) the amount of nonresponse, (5) the general agricultural characteristics, and (6) the specific characteristic being measured.

CENSUS NONSAMPLING ERROR

The accuracy of the census counts are affected jointly by sampling errors, described in the previous section, and nonsampling errors. Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form with instructions, and to minimize processing errors through the use of quality control measures on specific operations. Nonsampling errors arise from incompleteness of the census mail list, duplication in the mail list, incorrect data reporting, errors in editing of reported data, and errors in imputation for missing data. These specific nonsampling errors are further discussed in this section. Evaluation studies will be conducted to measure the extent of certain nonsampling errors such as coverage error and classification error.

Census Coverage

The main objective of the census of agriculture is to obtain a complete and accurate enumeration of U.S. farms with accurate data on all aspects of the agricultural operation. However, the high cost and availability of resources for enumeration place restrictions on feasible data collection methodologies. The past six agriculture censuses have been conducted by mail enumeration with telephone contact for selected nonrespondents. The completeness of such an enumeration thus depends to a large extent on the coverage of farm operations by the census mail list.

The past five censuses of agriculture have included approximately 91 percent of farms in the United States and approximately 96 percent of agriculture production. Complete enumeration of agricultural operations satisfying the farm definition of \$1,000 or more in agricultural sales is complicated by fluctuations in agricultural operations qualifying for enumeration, the variety of arrangements under which farms are operated, the multiplicity of names used

by an operation, the number of operations in which an operator participates, the accuracy of data reporting, and other factors. A new mail list is compiled for each census because no current single list of agricultural operations is comprehensive.

An evaluation of census coverage has been conducted for each census of agriculture since 1945. The evaluation provides estimates of the completeness of census farm count and major census data items. In addition, the evaluation helps to identify problems in the census enumeration and provide information that can form the basis for improvements. The results of the 1992 Coverage Evaluation program will be published in volume 2, Subject Series (Part 2): Coverage Evaluation.

The evaluation of coverage for the 1992 census was designed to measure four components of error in the census mail list and in farm classification. Mail list error includes two components of error, a measurement of farms not on the census mail list (undercount) and a measurement of farms enumerated more than once in the census (overcount). Classification error includes two components of error, a measurement of farms classified as nonfarms in the census (undercount) and of nonfarms classified as farms in the census (overcount). Classification error arises from reporting and processing errors. Mail list undercount dominates all coverage errors. Net coverage error is defined as the difference between undercounted and overcounted farms. Measurements of these errors, as well as a description of the complete coverage program, will be available in the Coverage Evaluation report.

Mail List Coverage

A major problem with mail enumeration for the census of agriculture is the difficulty encountered in compiling a complete mail list. The percentage of farms included on the census mail list varies considerably by State. Several reasons have contributed to farm operator names not being included on the census mail list—the operation may have been started after the mail list was developed, the operation may be so small as not to appear in any of the agriculture-related source lists used in compiling the census list, or the operation may have been falsely classified as a nonfarm prior to mailout. A large proportion of the farms not included on the mail list are small in both acres and sales of agricultural products.

The 1992 Census of Agriculture Coverage Evaluation used the area segment sample of the 1992 June Agricultural Survey (JAS) of the National Agricultural Statistical Service (NASS) to estimate farms not on the census mail list. The Census Bureau contracted with NASS to augment the JAS data collection. The survey data collected by NASS will be protected under the confidentiality of title 13, U.S. Code. These JAS survey records were matched to the census mail list. Records that did not match were mailed a census of agriculture report form to estimate mail list

coverage. Estimates of farms not on the census mail list are computed using a capture-recapture dual frame estimator which will be described in the Coverage Evaluation report mentioned earlier.

Table G provides coverage evaluation estimates for one component of coverage error associated with the census of agriculture; that is, the error due to farms not on the census mail list. Also provided are estimates of selected characteristics of farms not on the mail list, estimates of characteristics of farms not on the mail list as a percentage of total farms in the State, and the percent relative standard error associated with each estimate. The estimate of total farms in the State is based on census farm count plus the estimated number of farms not on the census mail list. This estimate of total farms in the State was not adjusted for the components of error associated with classification and list duplication error. Estimates of these errors will be made at the regional, rather than the State level, and will be provided in the Coverage Evaluation report mentioned earlier.

Respondent and Enumerator Error

Incorrect or incomplete responses to the mailed census report form or to the questions posed by a telephone enumerator introduce error into the census data. Such incorrect information can lead, in some cases, to incorrect classification of farms. This type of reporting error is measured by the Classification Error Survey discussed later in this section. To reduce all types of reporting error, detailed instructions for completing the report form were provided to each addressee. Questions were phrased as clearly as possible based on tests of the census report form and each respondent's answers were checked for completeness and consistency.

Item Nonresponse

As information flows from data collection to tabulation, various types of item nonresponses are identified on the report forms. Nonresponse to particular questions on the report form that logically should be present may create a type of nonsampling error in both complete count and sample count data. When information from reporting farms is used to edit or impute for item nonresponse, the data may be biased due to characteristics of the nonreporting respondents differing from those reporting the item. Any attempt to correct the data items may not completely reflect this difference either at the element level (individual farm operation) or on the average.

Processing Error

All phases of processing for each report form are sources for the introduction of nonsampling error. The processing of the report forms includes clerical screening for farm activity, computerized check-in of report forms and follow-up of nonrespondents, keying and transmittal of

completed report forms, computerized editing of inconsistent and missing data, review and correction of individual records referred from the computer edit, review and correction of tabulated data, and electronic data processing. These operations undergo a number of quality control checks to ensure as accurate an application as possible, yet some errors are not detected and corrected.

Classification Error

An evaluation study of classification errors was conducted in the 1992 Census of Agriculture as part of the census coverage evaluation program. A sample of census mail list respondents was selected, and these addresses were reenumerated to determine whether they were a farm or nonfarm. A farm status determination was made based on the evaluation report form and compared with the census farm status which was based on the data reported on the report form. Differences in status were reconciled.

In past censuses, the proportion of farms undercounted due to classification errors was higher for farms with small values of sales. For the 1987 census, the classification error rate was higher for (1) farms with small values of sales, (2) farms with a small number of acres, (3) full-owner farms than part-owner or tenant farms, (4) operators with principal occupation other than farming, and (5) males than females. Results from the 1992 Classification Error Survey will be published in the Coverage Evaluation report.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

The Census of Agriculture Complex Edit and Imputation System performs the following functions:

- Ensuring reasonable relationships between/among data items, values for various sizes of farms, and combinations of commodities.
- Ensuring necessary consistencies are present. There are more than 70 distinct consistency requirements.
- Ensuring geographic, legal, and physical constraints are met.

The system must perform these and similar functions for 900 data keycodes for sample records and 850 data keycodes for nonsample records.

For the 1992 Census of Agriculture, as in previous censuses, all reported data were keyed and then edited by computer. The edits were used to determine whether the reports met the minimum criteria to be counted as farms in the census. The complex edit and imputation system provided the basis for deciding to accept, impute (supply), delete, or alter the reported value for each data record item.

Whenever possible, edit imputations, deletions, and changes were based on component or related data on the respondent's report form. For some items, such as operator characteristics, data from the previous census were used when available. Values for other missing or unacceptable reported data items were calculated based on reported quantities and known price parameters.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in a geographically adjacent area with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report quantity of corn harvested, was assigned the same bushels of corn per acre harvested as that of the last nearby farm with similar characteristics that reported acceptable yields during that particular execution of the computer edit. The imputation for missing items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Prior to the imputation operation, a set of default values and relationships were assigned to the possible imputation variables. The relationships and values varied depending on the item being imputed. For example, different default values were assigned for several standard industrial classification and total value of sales categories when imputing hired farm labor expenses. These values and item relationships for the possible imputation variables were stored in the computer in a series of matrices.

Each execution of the computer edit consisted of records from only one State. The computer records were sorted by reported State and county. For a given execution of the edit, the stored entries in the various matrices were retained in memory only until a succeeding record having acceptable characteristics for some sections of the report form was processed by the computer. Then the acceptable responses of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions.

After the initial computer edit, keyed reports not meeting the census farm definition were reviewed to ensure that the data were keyed correctly. Edit referrals were generated for about 25 percent of the reports included as farms; they were reviewed for keying accuracy to ensure that the computer edit actions were correct. If the results of the computer edit were not acceptable, corrections were made and the record was reedited.

Table C. Reliability Estimates of State Totals for All Farms: 1992

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)	
F FARMS AND LAND IN FARMS						
Farms ----- number	31 998	1.7				
Land in farms ----- acres	10 188 362	.8	Total farm production expenses ----- farms	32 003	1.7	
Average size of farm ----- acres	318	1.9	Total farm production expenses ----- \$1,000	1 954 337	.4	
M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ----- farms	31 998	1.7	Average per farm ----- dollars	61 067	1.8	
\$1,000	2 336 737	.3	Livestock and poultry purchased ----- farms	9 260	2.5	
Average per farm ----- dollars	73 028	1.7	\$1,000	170 363	.8	
Farms by value of sales:			Feed for livestock and poultry ----- farms	19 301	2.0	
Less than \$1,000 (see text) ----- farms	4 876	2.5	\$1,000	458 354	.4	
\$1,000	1 432	2.6	Commercially mixed formula feeds ----- farms	7 684	2.7	
\$1,000 to \$2,499 ----- farms	4 984	2.4	\$1,000	361 083	.4	
\$1,000	8 407	2.4	Seeds, bulbs, plants, and trees ----- farms	12 797	2.1	
\$2,500 to \$4,999 ----- farms	5 417	2.3	\$1,000	46 998	.9	
\$1,000	19 461	2.3	Commercial fertilizer ----- farms	21 490	1.9	
\$5,000 to \$9,999 ----- farms	5 049	2.1	\$1,000	124 296	.9	
\$1,000	35 489	2.1	Agricultural chemicals ----- farms	11 979	2.0	
\$10,000 to \$19,999 ----- farms	3 330	2.0	\$1,000	216 262	.5	
\$1,000	46 245	2.0	Petroleum products ----- farms	30 774	1.7	
\$20,000 to \$24,999 ----- farms	789	2.2	\$1,000	101 058	.7	
\$1,000	17 431	2.2	Electricity ----- farms	14 358	1.9	
\$25,000 to \$39,999 ----- farms	1 244	2.1	\$1,000	28 120	.7	
\$1,000	39 046	2.1	Hired farm labor ----- farms	11 373	2.0	
\$40,000 to \$49,999 ----- farms	437	2.3	\$1,000	168 464	.4	
\$1,000	19 364	2.3	Contract labor ----- farms	3 293	3.6	
\$50,000 to \$99,999 ----- farms	1 248	1.9	\$1,000	16 705	1.7	
\$1,000	90 386	1.9	Repair and maintenance ----- farms	26 115	1.8	
\$100,000 to \$249,999 ----- farms	1 983	.7	\$1,000	120 269	.7	
\$1,000	327 090	.6	Customwork, machine hire, and rental of machinery and equipment ----- farms	8 455	2.5	
\$250,000 to \$499,999 ----- farms	1 506	—	\$1,000	52 013	.9	
\$1,000	535 107	—	Interest expense ----- farms	12 145	2.1	
\$500,000 or more ----- farms	1 135	—	\$1,000	97 991	.9	
\$1,000	1 197 281	—	Secured by real estate ----- farms	8 314	2.5	
Sales by commodity or commodity group:			\$1,000	57 036	1.3	
Crops, including nursery and greenhouse crops ----- farms	11 445	1.5	Not secured by real estate ----- farms	6 234	2.6	
\$1,000	1 146 450	.3	\$1,000	40 955	.9	
Grains ----- farms	5 975	1.3	Cash rent ----- farms	8 098	2.4	
\$1,000	473 632	.3	\$1,000	138 331	.5	
Corn for grain ----- farms	2 074	1.3	Property taxes ----- farms	28 742	1.8	
\$1,000	47 839	.5	\$1,000	28 683	1.4	
Wheat ----- farms	1 051	1.1	All other farm production expenses ----- farms	26 896	1.7	
\$1,000	21 086	.4	\$1,000	186 430	.4	
Soybeans ----- farms	4 617	1.2				
\$1,000	279 951	.4				
Sorghum for grain ----- farms	599	1.1				
\$1,000	14 318	.5				
Barley ----- farms	—	—				
\$1,000	—	—				
Oats ----- farms	83	3.0				
\$1,000	381	3.5				
Other grains ----- farms	753	.9				
\$1,000	110 057	.4				
Cotton and cottonseed ----- farms	3 340	1.0				
\$1,000	610 201	.2				
Tobacco ----- farms	—	—				
\$1,000	—	—				
Hay, silage, and field seeds ----- farms	3 829	1.8				
\$1,000	15 595	1.6				
Vegetables, sweet corn, and melons ----- farms	852	2.3				
\$1,000	9 609	1.6				
Fruits, nuts, and berries ----- farms	470	2.4				
\$1,000	3 295	3.6				
Nursery and greenhouse crops ----- farms	387	2.1				
\$1,000	25 455	.7				
Other crops ----- farms	218	2.5				
\$1,000	8 664	.9				
Livestock, poultry, and their products ----- farms	22 610	1.8				
\$1,000	1 190 287	.3				
Poultry and poultry products ----- farms	1 731	.7				
\$1,000	635 259	.1				
Dairy products ----- farms	835	1.4				
\$1,000	104 034	.6				
Cattle and calves ----- farms	20 282	1.8				
\$1,000	236 678	1.0				
Hogs and pigs ----- farms	934	2.0				
\$1,000	25 504	.8				
Sheep, lambs, and wool ----- farms	162	3.2				
\$1,000	216	3.5				
Other livestock and livestock products (see text) ----- farms	1 867	1.9				
\$1,000	188 595	.2				
Value of agricultural products sold directly to individuals for human consumption (see text) ----- farms	907	2.4	Total ----- farms	1 775	1.0	
\$1,000	2 530	1.9	\$1,000	194 454	.2	
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)¹						
All farms ----- number	32 003	1.7				
\$1,000	319 662	1.2				
Average per farm ----- dollars	9 989	2.1				
Farms with net gains ² ----- number	15 152	2.0				
\$1,000	413 728	.8				
Average net gain ----- dollars	27 305	2.1				
Farms with net losses ----- number	16 851	2.3				
\$1,000	94 066	2.3				
Average net loss ----- dollars	5 582	3.2				
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ----- farms	7 300	1.3				
\$1,000	137 095	.4				
Other farm-related income ¹ ----- farms	6 547	2.9				
\$1,000	53 820	2.5				
Customwork and other agricultural services ----- farms	1 973	4.9				
\$1,000	15 288	2.8				
Gross cash rent or share payments ----- farms	2 009	5.1				
\$1,000	16 098	4.9				
Forest products and Christmas trees ----- farms	1 765	5.6				
\$1,000	14 400	6.2				
Other farm-related income sources ----- farms	2 185	4.4				
\$1,000	8 033	1.7				
COMMODITY CREDIT CORPORATION LOANS						
Total ----- farms	1 775	1.0				
\$1,000	194 454	.2				

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

APPENDIX C C-7

Table C. Reliability Estimates of State Totals for All Farms: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)																																																																																																																																																																																																																																																																																																																																																																																																				
LAND IN FARMS ACCORDING TO USE																																																																																																																																																																																																																																																																																																																																																																																																									
Total cropland	farms-- acres--	27 625 6 518 288	1.7 .7	All operators	farms-- acres--	31 998 10 188 362	1.7 .8																																																																																																																																																																																																																																																																																																																																																																																																		
Harvested cropland	farms-- acres--	22 245 4 404 612	1.6 .5	Full owners	farms-- acres--	20 168 3 783 419	1.9 1.3																																																																																																																																																																																																																																																																																																																																																																																																		
Farms by acres harvested:				Part owners	farms-- acres--	8 856 4 308 071	1.5 .7																																																																																																																																																																																																																																																																																																																																																																																																		
1 to 9 acres	farms-- acres--	3 330 15 896	2.3 2.4	Tenants	farms-- acres--	2 974 2 096 872	1.6 .5																																																																																																																																																																																																																																																																																																																																																																																																		
10 to 19 acres	farms-- acres--	4 024 52 540	2.2 2.2																																																																																																																																																																																																																																																																																																																																																																																																						
20 to 29 acres	farms-- acres--	3 009 67 371	2.0 2.0	OWNED AND RENTED LAND																																																																																																																																																																																																																																																																																																																																																																																																					
30 to 49 acres	farms-- acres--	3 361 121 926	1.9 1.9	50 to 99 acres	farms-- acres--	2 893 190 249	1.8 1.8	Land owned	farms-- acres--	29 110 6 285 408	1.7 1.1	100 to 199 acres	farms-- acres--	1 833 239 969	2.0 2.0	Owned land in farms	farms-- acres--	29 024 5 756 380	1.7 1.1	200 to 499 acres	farms-- acres--	1 581 499 418	1.6 1.5	Land rented or leased from others	farms-- acres--	11 907 4 546 324	1.5 .6	500 to 999 acres	farms-- acres--	1 029 723 604	.5 .5	Rented or leased land in farms	farms-- acres--	29 303 11 830	1.1 1.5	1,000 acres or more	farms-- acres--	1 185 2 493 639	— —	Land rented or leased to others	farms-- acres--	4 431 982 3 167	.6 1.7	Cropland:										Pasture or grazing only	farms-- acres--	15 870 1 326 902	1.8 1.5	OPERATOR CHARACTERISTICS						Other cropland	farms-- acres--	8 025 786 774	1.4 .7	Operators by place of residence:						Total woodland	farms-- acres--	19 700 2 316 703	1.7 1.3	On farm operated				21 521	1.7	Pastureland and rangeland other than cropland and woodland pastured	farms-- acres--	7 580 956 819	1.7 1.0	Not on farm operated				7 252	1.8	Land in house lots, ponds, roads, wasteland, etc.	farms-- acres--	17 392 396 552	1.7 1.7	Not reported				3 225	1.8	Irrigated land	farms-- acres--	2 127 882 976	1.0 .2	OPERATORS BY PRINCIPAL OCCUPATION						Acres irrigated:				Farming				14 463	1.4	1 to 9 acres	farms-- acres--	577 1 556	2.4 2.6	Other				17 535	2.1	10 to 49 acres	farms-- acres--	223 4 980	2.6 2.6	OPERATORS BY DAYS WORKED OFF FARM						50 to 99 acres	farms-- acres--	135 9 513	2.7 2.7	Any				17 241	1.9	100 to 199 acres	farms-- acres--	209 29 846	1.8 1.8	200 days or more				12 119	2.0	200 to 499 acres	farms-- acres--	439 142 074	1.0 .9	OPERATORS BY SEX						500 to 999 acres	farms-- acres--	312 220 487	.2 .2	Male	farms-- acres--	29 479 9 707 990	1.7 .8	1,000 acres or more	farms-- acres--	232 474 520	— —	Female	farms-- acres--	2 519 480 372	2.0 1.5	Harvested cropland irrigated	farms-- acres--	2 085 878 992	1.0 .2	AVERAGE AGE OF OPERATOR						Pasture and other land irrigated	farms-- acres--	75 3 984	4.2 4.6	Average age of operator	years--	55.3	2.4	Land under federal acreage reduction programs:				FARMS BY TYPE OF ORGANIZATION						Diverted under annual commodity programs	farms-- acres--	2 978 109 366	1.0 .2	Individual or family (sole proprietorship)	farms-- acres--	28 263 6 337 918	1.8 1.2	Conservation Reserve or Wetlands Reserve Programs	farms-- acres--	3 435 325 499	1.7 1.3	Partnership	farms-- acres--	2 754 2 911 635	1.3 .3	VALUE OF LAND AND BUILDINGS¹										Estimated market value of land and buildings	farms-- \$1,000--	32 003 7 952 061	1.7 1.2	Corporation:						Average per farm	dollars--	248 479	2.1	Family held	farms-- acres--	722 752 941	1.6 .5	Average per acre	dollars--	777	1.6	More than 10 stockholders	farms-- acres--	22 700	3.5 1.6	VALUE OF MACHINERY AND EQUIPMENT¹										Estimated market value of all machinery and equipment	farms-- \$1,000--	31 878	1.7	10 or less stockholders	farms-- acres--	128 96 292	2.2 1.0	Average per farm	dollars--	1 294 742	1.0	Other than family held	farms-- acres--	17 111	4.8 2.4		dollars--	40 616	2.0	More than 10 stockholders	farms-- acres--	111 131	— 3.1	AGRICULTURAL CHEMICALS¹										Commercial fertilizer	farms-- acres on which used--	21 304 3 326 811	1.9 .9	Other—cooperative, estate or trust, institutional, etc.	farms-- acres--	89 576	1.2	HIRED FARM LABOR										INJURIES AND DEATHS										Farm-related injuries:										Operator and family members	farms-- number--			Operator and family members	farms-- number--	185 213	2.7 2.7	Hired workers	farms-- number--			Hired workers	farms-- number--	189 357	1.2 .7	Farm-related deaths:										Operator and family members	farms-- number--			Operator and family members	farms-- number--	3 3	25.2 —	Hired workers	farms-- number--			Hired workers	farms-- number--	1 (D)	— (D)
50 to 99 acres	farms-- acres--	2 893 190 249	1.8 1.8	Land owned	farms-- acres--	29 110 6 285 408	1.7 1.1																																																																																																																																																																																																																																																																																																																																																																																																		
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Diverted under annual commodity programs	farms-- acres--	2 978 109 366	1.0 .2	Individual or family (sole proprietorship)	farms-- acres--	28 263 6 337 918	1.8 1.2																																																																																																																																																																																																																																																																																																																																																																																																		
Conservation Reserve or Wetlands Reserve Programs	farms-- acres--	3 435 325 499	1.7 1.3	Partnership	farms-- acres--	2 754 2 911 635	1.3 .3																																																																																																																																																																																																																																																																																																																																																																																																		
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Average per farm	dollars--	1 294 742	1.0	Other than family held	farms-- acres--	17 111	4.8 2.4																																																																																																																																																																																																																																																																																																																																																																																																		
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Commercial fertilizer	farms-- acres on which used--	21 304 3 326 811	1.9 .9	Other—cooperative, estate or trust, institutional, etc.	farms-- acres--	89 576	1.2																																																																																																																																																																																																																																																																																																																																																																																																		
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See footnotes at end of table.

C-8 APPENDIX C

1992 CENSUS OF AGRICULTURE

Table C. Reliability Estimates of State Totals for All Farms: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
F FARMS BY SIZE					
1 to 9 acres	farms--	1 122	Cattle and calves inventory	farms--	21 070
	acres--	4 713	number--	1 152 331	1.8
10 to 49 acres	farms--	5 796	Beef cows	farms--	18 855
	acres--	172 098	number--	588 920	1.8
50 to 69 acres	farms--	2 572	Milk cows	farms--	1 216
	acres--	149 899	number--	64 510	1.6
70 to 99 acres	farms--	3 669	Cattle and calves sold	farms--	20 282
	acres--	303 638	number--	580 526	1.8
100 to 139 acres	farms--	3 787	Hogs and pigs inventory	farms--	\$1,000--
	acres--	440 734	number--	236 678	1.1
140 to 179 acres	farms--	2 769	Hogs and pigs sold	farms--	1 270
	acres--	435 432	number--	160 917	2.0
180 to 219 acres	farms--	2 039	Sheep and lambs of all ages inventory	farms--	934
	acres--	402 997	number--	\$1,000--	1.0
220 to 259 acres	farms--	1 436	Sheep and lambs sold	farms--	278 764
	acres--	341 025	number--	25 504	1.1
260 to 499 acres	farms--	4 131	Sheep and lambs of all ages sold	farms--	237
	acres--	1 458 761	number--	6 447	2.9
500 to 999 acres	farms--	2 524	Horses and ponies inventory	farms--	144
	acres--	1 729 074	number--	3 493	3.4
1,000 to 1,999 acres	farms--	1 365	Horses and ponies sold	farms--	3 441
2,000 acres or more	farms--	1 859 571	number--	1 056	2.4
	acres--	788	Chickens 3 months old or older inventory	farms--	1 211
	2 890 420	—	number--	388 128 497	.3
	—	—	Hens and pullets of laying age	farms--	1 453
	—	—	number--	6 841 469	.8
	—	—	Broilers and other meat-type chickens sold	farms--	1 400
	—	—	number--	5 288 469	.7
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION					
Cash grains (011)	farms--	3 310	CROPS HARVESTED	farms--	3 377
	acres--	2 171 010	acres--	269 080	1.5
Field crops, except cash grains (013)	farms--	4 339	bushels--	23 869 788	.6
	acres--	3 090 620	acres--	460	.5
Vegetables and melons (016)	farms--	505	tons, green--	36 212	1.5
	acres--	82 347	acres--	434 019	.7
Fruits and tree nuts (017)	farms--	630	Sorghum for grain or seed	farms--	662
	acres--	66 723	acres--	105 151	1.1
Horticultural specialties (018)	farms--	328	bushels--	7 172 060	.6
	acres--	22 239	acres--	1 064	.5
General farms, primarily crop (019)	farms--	657	bushels--	180 840	1.1
	acres--	209 912	acres--	6 749 633	.5
Livestock, except dairy, poultry, and animal specialties (021)	farms--	17 948	Rice	farms--	748
	acres--	3 596 003	acres--	270 497	.9
Dairy farms (024)	farms--	751	cwt--	15 630 876	.4
	acres--	271 721	Cotton	farms--	3 344
Poultry and eggs (025)	farms--	.7	acres--	1 332 855	1.0
	acres--	1 505	bales--	2 075 048	.3
Animal specialties (027)	farms--	.4	Soybeans for beans	farms--	4 644
	acres--	202 694	acres--	1 652 840	.2
General farms, primarily livestock and animal specialties (029)	farms--	1 387	bushels--	53 569 740	.4
	acres--	248 083	Irish potatoes	farms--	63
	638	1.2	acres--	375	4.9
	227 010	2.6	cwt--	29 893	.7
	—	2.0	acres--	4 444	2.0
	—	—	bushels--	1 096 187	1.7

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

**Table D. Reliability Estimates of State Totals for Farms With Sales of \$10,000 or More:
1992**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)			
F FARMS AND LAND IN FARMS								
Farms ----- number	11 672	1.2	Total farm production expenses ----- farms	11 393	1.4			
Land in farms ----- acres	7 468 952	.5	\$1,000-----\$1,000	1 852 548	.3			
Average size of farm ----- acres	640	1.3	Average per farm ----- dollars	162 604	1.4			
M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ----- farms	11 672	1.2	Livestock and poultry purchased ----- farms	4 423	2.5			
\$1,000-----\$1,000	2 271 949	.2	\$1,000-----\$1,000	160 308	.7			
Average per farm ----- dollars	194 649	1.2	Feed for livestock and poultry ----- farms	7 040	1.9			
Farms by value of sales:			Commercial mixed formula feeds ----- farms	445 692	.4			
\$10,000 to \$19,999 ----- farms	3 330	2.0	\$1,000-----\$1,000	3 718	2.7			
\$1,000-----\$1,000	46 245	2.0	\$1,000-----\$1,000	358 338	.4			
\$20,000 to \$24,999 ----- farms	789	2.2	Seeds, bulbs, plants, and trees ----- farms	6 854	2.0			
\$1,000-----\$1,000	17 431	2.2	\$1,000-----\$1,000	45 110	.9			
\$25,000 to \$39,999 ----- farms	1 244	2.1	Commercial fertilizer ----- farms	8 814	1.7			
\$1,000-----\$1,000	39 046	2.1	Agricultural chemicals ----- farms	111 671	.8			
\$40,000 to \$49,999 ----- farms	437	2.3	\$1,000-----\$1,000	6 975	1.9			
\$1,000-----\$1,000	19 364	2.3	Petroleum products ----- farms	213 838	.5			
\$50,000 to \$99,999 ----- farms	1 248	1.9	\$1,000-----\$1,000	11 313	1.4			
\$1,000-----\$1,000	90 386	1.9	Electricity ----- farms	91 005	.6			
\$100,000 to \$249,999 ----- farms	1 983	.7	\$1,000-----\$1,000	8 230	1.7			
\$1,000-----\$1,000	327 090	.6	\$1,000-----\$1,000	26 565	.7			
\$250,000 to \$499,999 ----- farms	1 506	—	Hired farm labor ----- farms	6 788	1.8			
\$1,000-----\$1,000	535 107	—	\$1,000-----\$1,000	165 381	.3			
\$500,000 or more ----- farms	1 135	—	Contract labor ----- farms	2 113	3.5			
\$1,000-----\$1,000	1 197 281	—	\$1,000-----\$1,000	15 878	1.7			
Sales by commodity or commodity group:			Repair and maintenance ----- farms	10 625	1.5			
Crops, including nursery and greenhouse crops ----- farms	6 519	1.2	\$1,000-----\$1,000	106 288	.6			
\$1,000-----\$1,000	1 132 394	.3	Customwork, machine hire, and rental of machinery and equipment ----- farms	4 452	2.4			
Grains ----- farms	4 426	1.1	\$1,000-----\$1,000	49 277	.8			
\$1,000-----\$1,000	468 738	.3	Interest expense ----- farms	6 992	1.9			
Corn for grain ----- farms	1 429	1.2	\$1,000-----\$1,000	88 230	.8			
\$1,000-----\$1,000	46 607	.5	Secured by real estate ----- farms	4 427	2.4			
Wheat ----- farms	939	1.0	\$1,000-----\$1,000	48 838	1.1			
\$1,000-----\$1,000	20 847	.4	Not secured by real estate ----- farms	4 293	2.4			
Soybeans ----- farms	3 732	1.1	\$1,000-----\$1,000	39 391	.9			
\$1,000-----\$1,000	276 702	.3						
Sorghum for grain ----- farms	558	1.0	NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)¹					
\$1,000-----\$1,000	14 229	.5	All farms ----- number	11 393	1.4			
Barley ----- farms	—	—	\$1,000-----\$1,000	353 960	1.0			
Oats ----- farms	58	3.0	Average per farm ----- dollars	31 068	1.7			
\$1,000-----\$1,000	322	3.7						
Other grains ----- farms	746	.9	Farms with net gains ² ----- number	8 301	1.7			
\$1,000-----\$1,000	110 030	.4	\$1,000-----\$1,000	400 087	.8			
Cotton and cottonseed ----- farms	2 996	.9	Average net gain ----- dollars	48 197	1.9			
\$1,000-----\$1,000	608 823	.2						
Tobacco ----- farms	—	—	Farms with net losses ----- number	3 092	3.5			
\$1,000-----\$1,000	—	—	\$1,000-----\$1,000	46 127	2.8			
Hay, silage, and field seeds ----- farms	1 403	1.6	Average net loss ----- dollars	14 918	4.5			
\$1,000-----\$1,000	10 172	1.6						
Vegetables, sweet corn, and melons ----- farms	347	2.2	GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME					
\$1,000-----\$1,000	8 458	1.7	Government payments ----- farms	4 552	1.0			
Fruits, nuts, and berries ----- farms	150	2.5	\$1,000-----\$1,000	128 990	.3			
\$1,000-----\$1,000	2 724	4.1	Other farm-related income ¹ ----- farms	3 141	3.2			
Nursery and greenhouse crops ----- farms	229	2.1	\$1,000-----\$1,000	41 435	2.3			
\$1,000-----\$1,000	24 918	.7	Customwork and other agricultural services ----- farms	1 119	5.4			
Other crops ----- farms	134	2.4	\$1,000-----\$1,000	13 107	2.5			
\$1,000-----\$1,000	8 562	.9	Gross cash rent or share payments ----- farms	905	6.5			
Livestock, poultry, and their products ----- farms	7 815	1.3	\$1,000-----\$1,000	13 387	5.4			
\$1,000-----\$1,000	1 139 555	.2	Forest products and Christmas trees ----- farms	608	8.0			
Poultry and poultry products ----- farms	1 488	.5	\$1,000-----\$1,000	7 351	7.2			
\$1,000-----\$1,000	635 112	.1	Other farm-related income sources ----- farms	1 384	4.6			
Dairy products ----- farms	753	1.4	\$1,000-----\$1,000	7 590	1.5			
\$1,000-----\$1,000	103 688	.6						
Cattle and calves ----- farms	6 545	1.4	COMMODITY CREDIT CORPORATION LOANS					
\$1,000-----\$1,000	189 403	.8	Total ----- farms	1 617	1.0			
Hogs and pigs ----- farms	442	1.9	\$1,000-----\$1,000	194 205	.2			
\$1,000-----\$1,000	24 515	.8						
Sheep, lambs, and wool ----- farms	63	3.6						
\$1,000-----\$1,000	145	3.8						
Other livestock and livestock products (see text) ----- farms	734	1.5						
\$1,000-----\$1,000	186 692	.2						
Value of agricultural products sold directly to individuals for human consumption (see text) ----- farms	268	2.5						
\$1,000-----\$1,000	1 767	2.0						

See footnotes at end of table.

C-10 APPENDIX C

1992 CENSUS OF AGRICULTURE

**Table D. Reliability Estimates of State Totals for Farms With Sales of \$10,000 or More:
1992—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)		
LAND IN FARMS ACCORDING TO USE							
Total cropland	farms--	10 614	1.2	Individual or family (sole proprietorship) farms--	9 087	1.3	
	acres--	5 425 660	.5	acres--	3 853 590	.9	
Harvested cropland	farms--	9 648	1.2	Partnership--	1 825	.9	
	acres--	4 092 600	.4	acres--	2 737 950	.2	
Cropland:							
Pasture or grazing only	farms--	5 030	1.4	Corporation:			
	acres--	702 910	1.3	Family held	farms--	597	1.4
Total woodland	farms--	6 499	1.3		acres--	710 112	.4
	acres--	1 149 264	.8	More than 10 stockholders	farms--	16	3.1
Pastureland and rangeland other than cropland and	farms--	2 509	1.2	10 or less stockholders	farms--	581	1.5
woodland pastured	acres--	626 193	.6				
Land in house lots, ponds, roads, wasteland, etc.	farms--	6 244	1.2	Other than family held	farms--	105	2.0
	acres--	267 835	.6	acres--	90 580	.9	
Irrigated land	farms--	1 642	.6	More than 10 stockholders	farms--	16	5.1
	acres--	879 311	.2	10 or less stockholders	farms--	89	2.1
Harvested cropland irrigated	farms--	1 637	.2				
	acres--	875 992	.2				
Pasture and other land irrigated	farms--	27	4.8				
	acres--	3 319	5.2				
Land under federal acreage reduction programs:							
Diverted under annual commodity programs	farms--	2 710	.9				
	acres--	108 501	.2				
Conservation Reserve or Wetlands Reserve	farms--	1 574	1.2				
Programs	acres--	189 117	.9				
VALUE OF LAND AND BUILDINGS¹							
Estimated market value of land and buildings	farms--	11 393	1.4				
	\$1,000--	5 566 277	.9				
Average per farm	dollars--	488 570	1.7				
Average per acre	dollars--	747	1.2				
VALUE OF MACHINERY AND EQUIPMENT¹							
Estimated market value of all machinery and	farms--	11 384	1.4				
equipment	\$1,000--	1 008 392	.8				
Average per farm	dollars--	88 580	1.6				
AGRICULTURAL CHEMICALS¹							
Commercial fertilizer	farms--	8 766	1.7				
acres on which used--	2 959 198	.8					
TENURE OF OPERATOR							
All operators	farms--	11 672	1.2				
	acres--	7 468 952	.5				
Full owners	farms--	5 042	1.3				
	acres--	1 851 566	.9				
Part owners	farms--	4 739	1.2				
	acres--	3 627 725	.5				
Tenants	farms--	1 891	1.4				
	acres--	1 989 661	.4				
OWNED AND RENTED LAND							
Land owned	farms--	9 842	1.2				
	acres--	3 836 440	.7				
Owned land in farms	farms--	9 781	1.2				
	acres--	3 489 487	.7				
Land rented or leased from others	farms--	6 656	1.2				
	acres--	4 084 399	.4				
Rented or leased land in farms	landlords--	21 384	.9				
	farms--	6 630	1.2				
Land rented or leased to others	farms--	1 403	1.4				
	acres--	451 887	1.1				
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated		7 532	1.2				
Not on farm operated		3 074	1.5				
Not reported		1 066	1.3				
Operators by principal occupation:							
Farming		7 974	1.0				
Other		3 698	1.7				
Operators by days worked off farm:							
Any		4 750	1.6				
200 days or more		2 898	1.7				
Operators by sex:							
Male		10 966	1.2				
Female		706	1.5				
Average age of operator	years--	52.7	1.7				
Farms by type of organization							
Individual or family (sole proprietorship)	farms--	9 087	1.3				
	acres--	3 853 590	.9				
Partnership	farms--	1 825	.9				
	acres--	2 737 950	.2				
Corporation:							
Family held	farms--	597	1.4				
	acres--	710 112	.4				
More than 10 stockholders	farms--	16	3.1				
10 or less stockholders	farms--	581	1.5				
Other than family held	farms--	105	2.0				
	acres--	90 580	.9				
More than 10 stockholders	farms--	16	5.1				
10 or less stockholders	farms--	89	2.1				
Other—cooperative, estate or trust, institutional, etc.	farms--	58	3.1				
	acres--	76 720	.9				
Hired Farm Labor							
Hired workers by days worked:							
150 days or more	farms--	3 962	1.8				
	workers--	13 243	.9				
Less than 150 days	farms--	5 510	2.1				
	workers--	17 761	2.0				
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members	farms--	96	2.6				
	number--	114	2.5				
Hired workers	farms--	173	1.0				
	number--	339	.5				
Farm-related deaths:							
Operator and family members	farms--	1	46.5				
	number--	(D)	(D)				
Hired workers	farms--	1	(D)				
	number--	(D)	(D)				
Farms by Size							
1 to 9 acres		225	2.5				
10 to 49 acres		835	1.5				
50 to 69 acres		426	1.9				
70 to 99 acres		684	1.7				
100 to 139 acres		921	1.9				
140 to 179 acres		810	2.0				
180 to 219 acres		738	2.1				
220 to 259 acres		610	2.1				
260 to 499 acres		2 364	1.8				
500 to 999 acres		2 006	1.3				
1,000 to 1,999 acres		1 280	—				
2,000 acres or more		773	—				
Farms by Standard Industrial Classification							
Cash grains (011)		2 121	1.5				
Field crops, except cash grains (013)		2 504	1.0				
Vegetables and melons (016)		171	3.2				
Fruits and tree nuts (017)		52	4.3				
Horticultural specialties (018)		197	2.2				
General farms, primarily crop (019)		155	2.4				
Livestock, except dairy, poultry, and animal specialties (021)		3 944	1.7				
Dairy farms (024)		686	1.4				
Poultry and eggs (025)		1 436	.5				
Animal specialties (027)		388	1.6				
General farms, primarily livestock and animal specialties (029)		18	6.3				
Livestock							
Cattle and calves inventory	farms--	6 479	1.4				
	number--	751 838	1.0				
Beef cows	farms--	5 564	1.4				
	number--	355 055	1.1				
Milk cows	farms--	803	1.4				
	number--	63 228	.7				
Cattle and calves sold	farms--	6 545	1.4				
	number--	435 849	.9				
\$1,000--	farms--	189 403	.8				
Hogs and pigs inventory	farms--	481	1.9				
	number--	149 158	1.0				
Hogs and pigs sold	farms--	442	1.9				
	number--	264 027	1.1				
\$1,000--	farms--	24 515	.8				
Sheep and lambs of all ages inventory	farms--	87	3.3				
	number--	4 289	4.1				
Sheep and lambs sold	farms--	59	3.7				
	number--	2 326	4.0				
Horses and ponies inventory	farms--	1 395	1.5				
	number--	7 286	1.9				
Horses and ponies sold	farms--	287	2.3				
	number--	1 253	3.2				

See footnotes at end of table.

**Table D. Reliability Estimates of State Totals for Farms With Sales of \$10,000 or More:
1992—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
POULTRY					
Chickens 3 months old or older inventory	farms--	390	Rice	farms--	744
number--	6 815 581	.8	acres--	270 360	.4
Hens and pullets of laying age	farms--	359	cwt--	15 626 894	.4
number--	5 268 407	.7	Cotton	farms--	2 996
Broilers and other meat-type chickens sold	farms--	1 197	acres--	1 326 827	.9
number--	388 126 919	.1	bales--	2 069 443	.2
CROPS HARVESTED					
Corn for grain or seed	farms--	1 783	Soybeans for beans	farms--	3 736
acres--	253 751	1.2	acres--	1 620 478	.4
bushels--	23 008 153	.6	bushels--	52 891 580	.4
Corn for silage or green chop	farms--	336	Irish potatoes	farms--	18
acres--	35 218	1.3	acres--	346	7.9
Sorghum for grain or seed	farms--	423 825	Sweetpotatoes	farms--	62
acres--	606	1.0	acres--	4 414	2.0
bushels--	103 961	.6	bushels--	1 091 192	1.7
Wheat for grain	farms--	7 118 737	Hay—alfalfa, other tame, small grain, wild, grass	farms--	5 377
acres--	945	1.0	silage, green chop, etc. (see text)	acres--	390 557
bushels--	177 170	.5	tons, dry--	884 245	1.1
		.4	Vegetables harvested for sale (see text)	farms--	347
		.4	acres--	11 333	2.2
		.4	Land in orchards	farms--	327
		.4	acres--	10 720	1.6

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table E. Reliability Estimates of Percent Change in State Totals: 1987 to 1992

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Percent change from 1987 to 1992	Standard error of estimate	Percent change from 1987 to 1992	Standard error of estimate
Farms-----number--	-6.1	1.7	-2.5	1.3
Land in farms -----acres--	-5.2	.9	-5.7	.6
Average size of farm -----acres--	1.0	2.1	-3.3	1.4
Estimated market value of land and buildings ¹ :				
Average per farm -----dollars--	15.5	2.6	9.4	2.0
Average per acre -----dollars--	11.5	2.0	10.2	1.7
Estimated market value of all machinery and equipment ¹ :				
Average per farm -----dollars--	16.4	2.6	18.1	2.3
Farms by size:				
1 to 9 acres -----	-19.1	2.3	-17.9	2.4
10 to 49 acres -----	-7.1	2.4	20.8	2.1
50 to 179 acres -----	-5.2	2.1	8.1	1.9
180 to 499 acres -----	-2.3	1.9	-3.2	1.9
500 to 999 acres -----	-12.5	1.4	-15.6	1.2
1,000 to 1,999 acres -----	-5.5	-	-5.4	-
2,000 acres or more -----	-4.3	-	-4.7	-
Total cropland -----farms--	-7.3	1.7	-3.8	1.3
-----acres--	-3.4	.7	-3.0	.5
Harvested cropland -----farms--	-8.5	1.6	-4.7	1.3
-----acres--	3.1	.5	4.5	.5
Irrigated land -----farms--	5.7	1.2	2.8	.9
-----acres--	38.6	.4	39.3	.4
Market value of agricultural products sold -----\$1,000--	25.4	.4	26.6	.3
Average per farm -----dollars--	33.6	2.5	29.8	1.8
Crops, including nursery and greenhouse crops -----\$1,000--	25.4	.4	26.1	.4
Livestock, poultry, and their products -----\$1,000--	25.4	.4	27.1	.3
Farms by value of sales:				
Less than \$2,500 -----	-11.2	1.8	(X)	(X)
\$2,500 to \$4,999 -----	-9.5	2.2	(X)	(X)
\$5,000 to \$9,999 -----	.7	2.3	(X)	(X)
\$10,000 to \$24,999 -----	1.2	2.1	1.2	2.1
\$25,000 to \$49,999 -----	-5.1	2.2	-5.1	2.2
\$50,000 to \$99,999 -----	-27.0	1.6	-27.0	1.6
\$100,000 to \$249,999 -----	-17.5	.6	-17.5	.6
\$250,000 to \$499,999 -----	14.3	-	14.3	-
\$500,000 or more -----	63.5	-	63.5	-
Total farm production expenses ¹ -----\$1,000--	33.4	2.3	35.1	1.9
Average per farm -----dollars--	42.0	2.7	38.8	2.2
Net cash return from agricultural sales for the farm unit (see text) ¹ -----farms--	-6.1	1.7	-2.6	1.5
-----\$1,000--	-3.8	1.5	-1.0	1.3
Average per farm -----dollars--	2.4	2.5	1.7	2.1
Operators by principal occupation:				
Farming -----	-4.3	1.4	-5.8	1.1
Other -----	-7.5	2.1	5.7	2.0
Operators by days worked off farm:				
Any -----	-11.2	4.8	-5.4	5.0
200 days or more -----	-10.3	4.8	-1.9	5.2
Livestock and poultry:				
Cattle and calves inventory -----farms--	-6.3	1.8	1.8	1.5
-----number--	.4	1.3	.8	1.1
Beef cows -----farms--	-.8	1.9	6.1	1.7
-----number--	1.7	1.5	3.6	1.3
Milk cows -----farms--	-26.0	1.3	-13.0	1.4
-----number--	-10.2	.7	-8.9	.7
Cattle and calves sold -----farms--	-8.2	1.8	-1.0	1.5
-----number--	-9.1	1.1	-5.1	1.0
Hogs and pigs inventory -----farms--	-43.2	1.3	-34.5	1.5
-----number--	-10.1	1.1	-7.4	1.2
Hogs and pigs sold -----farms--	-42.4	1.3	-34.3	1.5
-----number--	-2.1	1.2	.1	1.3
Sheep and lambs inventory -----farms--	8.7	4.0	35.9	6.1
-----number--	19.5	6.1	64.1	9.3
Chickens 3 months old or older inventory -----farms--	-43.0	1.5	-22.0	1.9
-----number--	-2.6	.8	-2.4	.8
Broilers and other meat-type chickens sold -----farms--	7.3	.5	7.5	.5
-----number--	40.3	.1	40.3	.1
Selected crops harvested:				
Corn for grain or seed -----farms--	-16.0	1.4	20.6	1.8
-----acres--	123.6	1.9	155.6	2.2
-----bushels--	154.8	2.0	176.3	2.2
Sorghum for grain or seed -----farms--	-53.2	.6	-50.3	.6
-----acres--	-5.5	.7	-3.0	.7
-----bushels--	6.1	.7	8.2	.7
Wheat for grain -----farms--	-46.6	.7	-43.7	.6
-----acres--	-36.2	.4	-35.1	.4
-----bushels--	-30.2	.4	-29.4	.4
Rice -----farms--	-6.8	1.0	-6.6	1.0
-----acres--	38.4	.7	38.4	.7
-----cwt--	49.3	.7	49.4	.7
Cotton -----farms--	-20.9	.9	-16.2	.9
-----acres--	29.6	.4	30.2	.4
-----bales--	25.4	.3	25.7	.3
Soybeans for beans -----farms--	-28.3	.9	-20.7	1.0
-----acres--	-17.6	.4	-16.0	.4
-----bushels--	29.6	.6	31.3	.6
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -----farms--	-2.5	1.8	2.8	1.6
-----acres--	9.2	1.6	8.3	1.3
-----tons, dry--	20.6	1.7	21.2	1.5

¹Data are based on a sample of farms.

1992 CENSUS OF AGRICULTURE

APPENDIX C C-13

Table F. Reliability Estimates for the State and County Totals: 1992

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms		Land in farms		Average size of farm		Average market value of land and buildings per farm ¹		Estimated market value of all machinery and equipment ¹	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Mississippi	31 998	1.7	10 188 362	.8	318	1.9	248 479	2.1	1 294 742	1.0
Adams	136	2.3	79 981	.9	588	2.5	401 602	4.2	5 559	6.2
Alcorn	392	2.2	78 653	2.3	201	3.2	153 309	7.1	7 863	9.4
Amitte	439	1.8	112 896	1.5	257	2.3	207 557	6.0	10 761	4.2
Attala	379	1.6	107 526	1.3	284	2.0	138 610	6.2	8 551	5.1
Benton	212	1.7	91 367	1.1	431	2.0	227 543	8.3	8 080	6.8
Bolivar	454	1.5	426 584	.5	940	1.5	684 029	2.0	60 228	1.6
Calhoun	399	2.0	127 351	1.5	319	2.5	184 976	6.4	18 070	6.4
Carroll	394	1.7	151 743	1.0	385	2.0	235 645	7.9	13 757	6.3
Chickasaw	450	2.3	149 027	1.5	331	2.8	179 771	8.5	13 274	8.4
Choctaw	195	1.4	42 712	1.8	219	2.3	109 475	8.9	3 954	6.6
Claiborne	190	2.5	88 522	1.8	466	3.1	272 497	6.4	5 284	5.9
Clarke	320	2.5	68 663	2.3	215	3.4	143 998	8.9	6 175	13.3
Clay	364	2.1	126 352	1.5	347	2.6	209 471	8.6	9 155	6.6
Coahoma	230	1.0	294 547	.2	1 281	1.0	1 210 171	2.3	43 350	1.8
Copiah	490	1.7	126 613	1.5	258	2.3	174 813	7.5	10 124	5.1
Covington	482	2.0	79 962	2.4	166	3.1	199 016	10.1	11 287	8.9
De Soto	488	1.6	139 591	.7	286	1.8	311 552	9.3	18 166	3.7
Forrest	233	1.8	37 147	1.9	159	2.7	172 574	6.6	5 425	7.0
Franklin	175	1.9	46 532	2.0	266	2.8	175 311	7.4	3 453	4.3
George	381	2.6	43 498	2.6	114	3.6	113 895	7.2	8 632	9.1
Greene	300	2.4	49 282	2.7	164	3.6	146 955	9.8	6 885	8.0
Grenada	212	1.4	99 726	1.2	470	1.8	232 618	7.3	9 081	4.2
Hancock	173	1.6	30 050	1.8	174	2.4	188 647	21.2	2 949	21.0
Harrison	258	2.1	16 665	3.1	65	3.8	168 913	16.5	2 777	8.7
Hinds	740	2.0	230 838	1.0	312	2.2	295 826	7.3	26 974	4.5
Holmes	426	2.2	223 406	.9	524	2.4	401 929	3.4	29 995	3.3
Humphreys	261	1.0	180 102	.5	690	1.1	555 596	1.8	41 157	.4
Issaquena	109	1.4	113 734	.7	1 043	1.5	703 605	2.5	14 907	2.1
Itawamba	417	2.0	76 673	2.4	184	3.1	117 909	7.8	10 005	7.9
Jackson	246	2.1	24 845	2.9	101	3.6	158 097	10.9	9 670	6.4
Jasper	385	2.0	89 168	2.0	232	2.9	126 295	10.3	9 727	10.3
Jefferson	182	2.3	66 257	1.7	364	2.9	183 579	15.8	3 514	24.0
Jefferson Davis	425	2.1	80 902	2.1	190	3.0	159 037	15.7	10 791	6.8
Jones	822	1.7	96 919	1.7	118	2.4	145 654	7.2	18 537	9.0
Kemper	375	2.3	93 352	2.3	249	3.2	133 683	13.4	5 835	6.5
Lafayette	370	1.6	98 816	1.5	267	2.2	155 842	5.6	5 339	5.4
Lamar	362	2.5	53 401	2.9	148	3.8	191 525	12.9	8 001	8.8
Lauderdale	407	2.3	80 683	2.0	198	3.1	155 722	10.8	6 173	7.1
Lawrence	295	2.3	62 833	2.0	213	3.1	131 527	10.9	7 066	13.3
Leake	600	1.6	95 736	1.7	160	2.3	158 207	7.5	18 264	5.6
Lee	534	1.9	140 209	1.2	263	2.2	192 566	5.4	18 345	8.3
Leflore	261	.8	262 371	.3	1 005	.9	866 348	1.8	48 997	.7
Lincoln	522	1.8	98 914	1.7	189	2.5	146 746	7.9	11 378	8.7
Lowndes	342	1.4	125 713	1.2	368	1.9	234 984	9.0	13 666	7.2
Madison	454	1.8	198 955	.9	438	2.0	485 675	5.5	21 345	3.5
Marion	493	2.2	89 816	2.0	182	3.0	136 106	7.0	9 668	7.1
Marshall	527	2.4	182 009	1.6	345	2.9	313 158	12.1	15 480	10.5
Monroe	512	1.3	175 231	1.1	342	1.7	219 050	8.2	19 560	3.1
Montgomery	290	2.1	80 272	1.9	277	2.8	136 422	8.7	7 402	6.9
Neshoba	700	1.6	137 267	1.3	196	2.1	159 214	12.5	15 034	5.6
Newton	578	1.8	96 474	2.2	167	2.9	106 246	5.5	13 115	6.5
Noxubee	426	1.6	201 759	.9	474	1.9	271 292	4.4	16 351	4.2
Oktibbeha	339	2.0	80 761	1.9	238	2.8	181 436	14.2	9 553	7.9
Panola	577	2.0	218 154	1.1	378	2.2	255 759	5.5	23 737	3.7
Pearl River	554	2.1	93 180	1.5	168	2.5	182 956	9.5	11 523	8.3
Perry	226	1.7	31 587	2.8	140	3.3	128 091	8.4	5 119	11.1
Pike	459	2.3	80 342	2.3	175	3.2	179 590	13.1	10 458	6.9
Pontotoc	549	1.8	124 202	1.9	226	2.6	159 099	6.8	12 275	5.9
Prentiss	374	1.9	86 096	1.7	230	2.6	150 896	10.1	8 667	6.0
Quitman	219	1.9	186 297	.8	851	2.1	707 826	6.8	22 271	6.3
Rankin	538	1.6	118 651	1.3	221	2.1	193 590	7.6	13 969	5.5
Scott	687	1.4	110 124	1.5	160	2.1	171 132	5.0	30 366	2.0
Sharkey	125	.9	181 946	.3	1 456	1.0	1 180 497	1.9	27 602	1.4
Simpson	587	2.0	96 540	2.3	164	3.1	183 459	7.2	21 074	4.7
Smith	661	1.6	95 121	2.1	144	2.6	181 642	10.0	15 941	4.5
Stone	222	2.3	32 666	2.9	147	3.7	182 174	6.5	3 748	11.7
Sunflower	375	1.1	361 003	.4	963	1.1	706 392	1.4	65 512	2.1
Tallahatchie	386	1.3	273 117	.7	708	1.5	508 615	2.9	37 264	4.3
Tate	544	1.7	141 245	1.2	260	2.0	194 562	6.3	17 003	5.1
Tippah	551	1.8	108 314	1.7	197	2.4	128 828	8.0	10 649	7.4
Tishomingo	269	2.0	40 676	2.5	151	3.2	105 142	14.3	4 047	14.5
Tunica	121	.8	230 524	.3	1 905	.8	1 605 943	1.6	27 351	.6
Union	540	1.5	100 433	1.4	186	2.0	129 243	7.2	11 579	7.0
Walthall	563	1.7	108 236	1.3	192	2.2	175 093	6.4	16 951	9.5
Warren	193	2.2	114 083	1.2	591	2.5	451 281	3.3	12 007	5.5
Washington	344	1.0	342 237	.4	995	1.1	874 809	1.6	63 620	1.0
Wayne	449	1.8	72 515	1.8	162	2.5	148 374	9.8	9 166	8.8
Webster	270	2.1	75 551	2.1	280	3.0	141 737	9.3	7 825	5.4
Wilkinson	189	2.3	89 807	1.5	475	2.7	278 379	4.9	5 193	8.3
Winston	486	2.1	83 445	2.2	172	3.0	112 621	8.0	9 219	7.0
Yalobusha	263	1.7	78 230	1.5	297	2.2	153 471	6.8	7 895	5.1
Yazoo	531	1.2	361 634	.5	681	1.3	459 849	6.0	44 020	2.4

See footnotes at end of table.

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1992 CENSUS OF AGRICULTURE

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Average market value of all machinery and equipment per farm ¹		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses ¹			
	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total farm production expenses			
							Farms	Value		
Mississippi	40 616	2.0	2 336 737	.3	73 028	1.7	32 003	1.7	1 954 337	.4
Adams	41 177	6.7	7 460	.4	54 850	2.3	135	2.6	6 312	1.3
Alcorn	20 059	9.7	6 449	2.2	16 452	3.1	392	2.3	4 866	4.4
Amitie	24 512	4.6	10 866	1.0	24 752	2.1	439	2.0	9 484	2.4
Attala	22 561	5.4	8 977	1.0	23 686	1.8	379	1.6	8 134	4.2
Benton	38 115	7.1	13 295	.9	62 714	1.9	212	1.9	12 230	5.1
Bolivar	132 954	2.2	116 112	.3	255 754	1.5	454	1.5	91 190	1.1
Calhoun	45 175	6.7	18 455	1.1	46 252	2.3	400	1.8	14 865	4.4
Carroll	35 549	6.7	26 571	.4	67 439	1.7	394	1.7	20 619	2.3
Chickasaw	29 964	8.8	24 167	.9	53 704	2.5	451	2.3	20 060	2.1
Choctaw	20 275	6.8	5 327	1.2	27 319	1.9	195	1.6	4 063	2.4
Claiborne	27 956	6.4	8 078	1.3	42 517	2.8	189	2.4	7 731	3.1
Clarke	19 237	13.5	3 222	2.5	10 070	3.5	321	2.2	2 474	9.0
Clay	25 789	7.5	15 316	1.1	42 078	2.4	364	2.3	12 755	4.2
Coahoma	195 272	4.4	88 909	.2	386 560	1.0	230	1.3	76 318	.8
Copiah	20 662	5.4	27 598	.4	56 322	1.8	490	1.8	24 094	1.6
Covington	23 416	9.1	27 721	.8	57 512	2.2	482	2.2	23 970	1.9
De Soto	37 379	4.1	24 175	.5	49 539	1.7	488	1.8	21 018	2.6
Forrest	23 283	7.3	8 554	.9	36 711	2.1	233	2.3	7 389	4.2
Franklin	19 731	4.9	2 571	1.9	14 693	2.7	175	2.5	2 518	5.4
George	23 392	10.0	6 897	1.6	18 103	3.1	380	2.6	6 064	6.5
Greene	22 950	8.3	10 124	.7	33 748	2.5	300	2.3	8 117	2.4
Grenada	42 634	4.5	14 661	.7	69 156	1.5	213	1.7	12 672	3.4
Hancock	17 045	21.0	2 264	4.0	13 089	4.3	173	1.9	1 654	5.5
Harrison	10 721	8.9	1 951	2.5	7 562	3.3	259	2.2	1 820	7.9
Hinds	36 403	4.9	35 316	.4	47 725	2.1	741	2.1	32 501	1.2
Holmes	70 412	4.0	38 962	.6	91 460	2.3	426	2.3	35 593	2.1
Humphreys	157 089	1.7	91 186	.2	349 370	1.0	262	1.6	77 698	.2
Issaquena	135 519	3.0	27 941	.4	256 336	1.4	110	2.1	24 080	1.2
Itawamba	23 935	8.2	20 382	.6	48 878	2.1	418	2.1	16 014	1.1
Jackson	39 310	6.8	4 902	1.8	19 928	2.7	246	2.3	3 723	6.0
Jasper	25 266	10.6	15 491	.8	40 236	2.2	385	2.2	12 766	4.5
Jefferson	19 307	24.1	4 881	1.5	26 820	2.8	182	2.6	4 526	4.9
Jefferson Davis	25 817	7.4	9 098	1.3	21 407	2.5	427	2.1	8 018	7.0
Jones	22 578	9.2	66 923	.4	81 415	1.7	821	1.9	53 533	1.9
Kemper	15 518	7.0	4 420	2.0	11 788	3.0	376	2.4	3 397	4.9
Lafayette	14 430	5.7	4 479	2.1	12 105	2.6	370	1.8	4 262	7.3
Lamar	22 103	9.1	13 389	1.4	36 985	2.8	362	2.6	11 908	4.9
Lauderdale	15 166	7.5	5 154	1.9	12 664	3.0	407	2.3	4 126	7.7
Lawrence	23 870	13.5	6 929	1.6	23 489	2.8	296	2.6	6 219	6.3
Leake	30 389	5.9	52 226	.3	87 043	1.7	601	1.8	42 753	.8
Lee	34 355	8.5	20 054	.8	37 554	2.0	534	2.0	15 939	2.9
Leflore	188 450	1.4	90 900	.1	348 275	.8	261	1.2	78 118	.5
Lincoln	21 796	9.0	15 217	1.0	29 151	2.1	522	2.2	13 767	4.2
Lowndes	39 958	7.4	16 335	1.1	47 763	1.8	342	1.7	12 693	4.1
Madison	46 913	4.0	25 995	.6	57 259	1.9	455	1.9	23 324	2.9
Marion	19 934	7.6	9 605	1.1	19 483	2.5	492	2.5	8 351	5.2
Marshall	32 590	11.5	15 726	1.2	29 840	2.7	527	2.6	14 419	5.6
Monroe	38 278	3.4	20 424	.8	39 891	1.5	511	1.4	16 074	2.4
Montgomery	25 611	7.3	8 045	1.9	27 742	2.8	289	2.5	5 715	8.0
Neshoba	21 508	5.8	41 322	.4	59 032	1.6	699	1.6	33 672	1.7
Newton	22 729	6.8	35 094	.8	60 716	2.0	577	2.0	29 101	3.7
Noxubee	38 384	4.6	27 036	.9	63 466	1.8	426	1.8	20 448	3.0
Oktibbeha	28 264	8.1	9 504	1.1	28 034	2.3	338	2.0	8 474	5.2
Panola	41 139	4.2	31 584	.6	54 738	2.0	577	2.0	25 228	2.3
Pearl River	20 838	8.6	9 961	1.1	17 980	2.4	554	2.3	9 456	6.2
Perry	22 648	11.3	7 985	.8	35 334	1.9	226	2.0	6 773	3.1
Pike	22 835	7.3	17 222	1.3	37 522	2.6	458	2.4	13 692	3.1
Pontotoc	22 732	6.4	12 401	1.9	22 588	2.6	549	2.0	10 269	4.5
Prentiss	23 174	6.4	8 209	1.2	21 949	2.2	374	2.0	6 588	5.3
Quitman	102 160	6.7	41 258	.5	188 391	2.0	218	2.4	33 618	2.7
Rankin	26 013	5.7	40 000	.3	74 349	1.6	537	1.8	33 040	2.6
Scott	44 265	2.5	135 074	.1	196 614	1.4	686	1.5	107 217	.2
Sharkey	219 065	2.1	59 607	.2	476 855	.9	126	1.5	48 772	.5
Simpson	35 901	5.2	84 177	.3	143 402	2.1	587	2.1	67 009	.5
Smith	24 117	4.9	89 535	.3	135 454	1.6	661	1.7	73 040	.9
Stone	16 806	12.0	4 530	2.2	20 406	3.2	223	2.4	3 484	3.7
Sunflower	174 700	2.5	129 348	.2	344 929	1.1	375	1.2	113 527	.6
Tallahatchie	96 289	4.7	61 889	.3	160 333	1.3	387	1.8	52 005	1.8
Tate	31 256	5.5	20 692	.9	38 036	1.9	544	1.9	16 362	2.7
Tippah	19 291	7.7	9 957	1.4	18 072	2.3	552	2.1	7 890	5.4
Tishomingo	15 101	14.7	1 926	3.1	7 160	3.7	268	2.3	1 686	8.8
Tunica	227 929	1.5	62 913	.1	519 946	.8	120	1.4	52 104	.5
Union	21 482	7.2	11 170	1.1	20 686	1.9	539	1.6	9 180	5.4
Walthall	30 055	9.6	21 132	.8	37 535	1.9	564	1.6	17 024	3.8
Warren	61 575	5.9	15 841	.8	82 077	2.3	195	2.1	13 648	1.8
Washington	184 943	1.6	113 736	.2	330 629	1.0	344	1.3	99 154	.5
Wayne	20 370	9.1	28 230	.3	62 873	1.8	450	2.1	20 866	3.0
Webster	28 982	5.8	8 619	1.5	31 924	2.6	270	2.2	6 808	6.7
Wilkinson	27 479	8.8	5 247	1.6	27 764	2.8	189	3.0	5 046	7.0

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

APPENDIX C C-15

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Average market value of all machinery and equipment per farm [†]		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses ¹			
	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total farm production expenses			
							Farms	Value		
Winston-----	19 008	7.3	6 281	2.0	12 924	2.9	485	2.1	6 881	6.0
Yalobusha-----	30 018	5.5	6 823	1.0	25 944	1.9	263	2.0	6 045	4.8
Yazoo-----	82 901	2.7	74 731	.2	140 737	1.3	531	1.2	66 299	.4
Farm production expenses ¹ —Con.										
Geographic area	Livestock and poultry purchased			Feed for livestock and poultry			Seeds, bulbs, plants, and trees			
	Farms		Value	Farms		Value	Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Mississippi -----	9 260	2.5	170 363	.8	19 301	2.0	458 354	.4	12 797	2.1
Adams-----	17	22.4	90	11.2	95	5.4	207	15.3	40	11.3
Alcorn-----	68	29.6	226	48.8	227	11.7	345	16.0	192	13.3
Armité-----	121	14.6	449	12.1	301	6.1	2 967	2.7	110	15.4
Attala-----	108	17.8	290	22.3	261	9.0	617	9.4	127	18.2
Benton-----	78	22.5	(D)	(D)	103	16.8	667	5.5	86	19.7
Bolivar-----	22	41.8	1 028	1.2	48	27.5	2 466	.3	414	3.4
Calhoun-----	82	14.3	317	14.8	211	10.5	667	18.1	202	10.7
Carroll-----	121	18.7	2 816	2.5	232	10.1	3 983	3.1	140	10.9
Chickasaw-----	103	20.3	5 799	2.3	262	10.7	5 077	1.8	170	15.0
Choctaw-----	45	24.7	(D)	(D)	89	17.9	1 039	3.1	70	24.3
Claiborne-----	47	32.6	1 142	3.1	124	13.9	1 237	3.2	43	30.8
Clarke-----	92	23.6	400	40.0	209	9.8	429	13.6	79	22.5
Clay-----	121	21.1	3 749	10.5	247	9.2	1 653	5.7	118	19.8
Coahoma-----	1	—	(D)	(D)	14	50.0	(D)	(D)	206	4.1
Copiah-----	145	14.9	6 305	2.2	367	5.1	8 081	1.1	147	15.2
Covington-----	205	14.8	6 921	1.0	306	9.9	8 199	1.2	211	14.3
De Soto-----	171	16.0	1 420	19.0	328	8.0	1 586	13.0	160	15.1
Forrest-----	65	26.3	951	9.9	149	12.5	2 656	1.9	61	28.1
Franklin-----	43	16.3	352	4.7	107	7.2	366	4.8	66	11.6
George-----	109	18.2	388	15.9	192	12.2	604	9.2	169	14.7
Greene-----	65	23.2	996	3.6	232	7.4	3 952	.7	153	12.9
Grenada-----	51	22.4	1 642	3.2	115	12.4	2 409	1.2	58	9.1
Hancock-----	23	2.7	(D)	(D)	104	18.7	409	9.0	47	35.0
Harrison-----	29	52.5	81	80.5	141	9.5	236	13.3	83	20.2
Hinds-----	231	13.1	3 009	6.0	523	6.3	10 133	1.7	233	12.1
Holmes-----	87	24.9	400	13.8	203	12.0	471	8.2	205	10.7
Humphreys-----	41	1.1	3 053	.1	74	.6	19 424	.2	165	12.6
Issaquena-----	7	18.7	174	1.3	14	12.5	868	.2	108	2.1
Itawamba-----	120	19.4	(D)	(D)	227	10.1	8 203	.5	216	12.2
Jackson-----	62	29.8	357	14.4	164	13.7	789	13.5	97	23.4
Jasper-----	152	16.2	1 754	8.0	307	7.5	6 531	6.3	76	20.6
Jefferson-----	61	21.1	401	23.2	139	10.6	621	8.7	27	42.2
Jefferson Davis-----	111	17.8	697	6.3	279	8.2	2 703	1.4	199	11.0
Jones-----	358	8.2	12 629	2.2	634	4.4	27 591	2.2	199	14.3
Kemper-----	69	29.5	415	9.7	293	6.6	796	7.7	60	25.7
Lafayette-----	126	18.0	242	23.4	260	7.0	343	12.8	113	17.2
Lamar-----	153	13.7	2 301	7.8	241	8.7	4 571	1.3	132	15.7
Lauderdale-----	67	26.9	181	39.5	261	8.4	484	16.4	96	24.4
Lawrence-----	96	22.9	636	13.6	210	9.7	2 143	4.5	116	16.8
Leake-----	248	8.6	6 487	2.0	459	5.5	23 239	.4	135	17.4
Lee-----	118	18.5	1 033	14.9	339	9.0	2 487	3.3	267	10.3
Leflore-----	57	26.1	1 383	9.3	74	21.3	10 625	2.1	189	10.2
Lincoln-----	200	14.9	2 085	4.9	405	6.1	5 126	10.1	148	18.4
Lowndes-----	101	19.1	1 104	5.2	174	12.3	1 793	6.0	180	9.9
Madison-----	124	14.3	840	9.7	274	9.0	942	17.9	180	13.3
Marion-----	154	18.3	521	23.2	343	8.0	2 243	7.7	148	15.6
Marshall-----	190	14.7	947	28.2	348	9.1	1 837	21.3	267	9.9
Monroe-----	148	15.2	962	12.2	220	11.1	1 384	14.5	276	9.0
Montgomery-----	81	26.6	260	16.1	168	12.3	414	21.7	115	18.4
Neshoba-----	240	11.3	7 503	3.6	515	5.3	15 994	1.7	179	13.8
Newton-----	268	9.8	4 835	10.4	439	5.1	15 427	2.4	200	15.5
Noxubee-----	122	22.1	1 296	5.1	200	14.5	3 400	8.1	218	14.0
Oktibbeha-----	87	27.4	851	39.2	210	12.4	2 609	2.8	66	29.9
Panola-----	118	23.8	917	7.2	384	9.4	1 061	9.1	202	17.6
Pearl River-----	174	15.5	1 698	11.7	381	7.3	1 276	6.8	178	15.1
Perry-----	56	23.2	816	2.4	135	12.6	3 474	.9	90	19.7
Pike-----	151	16.5	1 302	14.6	299	9.5	4 304	1.5	111	19.0
Pontotoc-----	110	22.2	444	15.8	292	10.1	1 608	15.9	241	11.9
Prentiss-----	133	19.3	325	28.3	198	14.7	564	14.6	178	14.9
Quitman-----	1	—	(D)	(D)	2	—	(D)	(D)	206	3.5
Rankin-----	160	12.8	6 246	1.5	361	7.2	15 065	.6	141	14.7
Scott-----	327	8.3	25 145	.3	499	4.9	57 096	.1	125	19.0
Sharkey-----	3	—	(D)	(D)	12	21.3	3 092	.2	108	4.1
Simpson-----	231	11.7	9 071	1.1	377	8.1	37 837	.3	172	16.1

See footnotes at end of table.

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1992 CENSUS OF AGRICULTURE

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses ¹ —Con.											
	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Smith -----	381	6.5	11 301	1.8	529	4.8	46 408	.6	169	14.4	67	10.2
Stone -----	62	27.4	216	8.6	139	11.9	892	5.0	83	22.7	74	12.4
Sunflower -----	50	27.6	2 693	3.4	88	15.7	18 053	.4	277	6.6	3 205	1.7
Tallahatchie -----	50	34.4	501	5.2	110	18.5	1 258	1.5	260	8.4	2 011	1.8
Tate -----	172	13.6	1 265	11.1	390	6.5	2 850	3.9	230	11.1	457	5.8
Tippah -----	164	14.4	399	19.1	373	7.7	1 288	14.0	238	11.5	336	8.7
Tishomingo -----	59	32.7	239	48.4	110	19.0	192	28.9	110	20.7	56	12.1
Tunica -----	3	(D)	(D)	(D)	10	29.1	3 514	.1	111	3.0	1 970	.7
Union -----	187	14.0	731	5.6	336	8.0	1 303	2.7	315	7.0	318	13.1
Walthall -----	182	15.0	1 359	12.5	395	6.8	5 024	7.9	216	13.6	366	8.7
Warren -----	51	35.4	109	19.5	142	9.1	497	29.4	78	20.1	437	2.0
Washington -----	28	34.0	1 786	3.3	46	20.7	7 998	.1	297	4.3	2 772	1.1
Wayne -----	171	10.9	2 789	1.1	286	7.8	11 523	.7	215	11.0	146	14.9
Webster -----	42	32.5	145	38.4	99	17.4	209	9.5	132	13.5	309	23.0
Wilkinson -----	61	27.2	502	35.2	124	13.5	679	8.1	55	23.6	89	5.8
Winston -----	169	15.7	712	14.7	319	8.6	1 672	7.4	146	18.5	81	17.1
Yalobusha -----	33	39.6	62	20.5	111	18.8	602	16.6	87	20.4	187	9.3
Yazoo -----	120	15.2	730	8.0	293	7.7	5 564	2.1	264	6.0	1 728	.6
Geographic area	Farm production expenses ¹ —Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Mississippi -----	21 490	1.9	124 296	.9	11 979	2.0	216 262	.5	30 774	1.7	101 058	.7
Adams -----	64	10.1	293	1.3	34	8.8	1 127	.2	123	4.4	469	1.6
Alcorn -----	308	7.4	728	5.2	138	16.1	465	4.5	371	4.0	482	7.3
Amite -----	262	7.5	1 026	4.9	86	15.3	77	5.6	413	3.4	527	4.6
Attala -----	228	9.6	1 011	10.4	114	18.2	1 000	8.4	366	3.0	587	4.7
Benton -----	121	14.4	1 330	9.6	78	20.3	950	6.2	212	1.9	541	8.4
Bolivar -----	356	5.2	6 391	1.7	398	3.3	19 365	1.5	452	1.5	6 527	2.0
Calhoun -----	324	5.2	2 150	6.3	187	9.1	2 217	2.3	382	2.9	1 255	5.5
Carroll -----	272	7.9	1 508	8.5	123	14.4	1 633	3.6	372	3.2	1 138	4.2
Chickasaw -----	260	8.9	1 247	7.8	174	11.9	900	16.4	435	3.1	990	9.1
Choctaw -----	99	18.9	224	11.1	32	32.0	193	5.8	188	4.2	215	6.5
Claiborne -----	136	13.1	849	3.9	45	29.3	824	1.1	180	4.9	387	7.3
Clarke -----	225	9.9	288	16.0	53	27.7	32	17.2	305	3.8	207	13.0
Clay -----	221	11.3	879	5.8	101	20.7	685	1.9	355	3.3	751	5.0
Coahoma -----	197	5.9	4 817	.9	202	3.7	17 772	.3	222	3.4	4 488	.8
Copiah -----	315	7.9	836	7.5	81	17.3	207	5.6	478	2.3	1 005	4.7
Covington -----	413	5.2	1 228	10.6	97	17.2	203	5.3	466	3.4	724	6.2
De Soto -----	274	9.2	1 945	7.3	139	15.0	2 427	1.5	473	2.2	1 210	5.4
Forrest -----	157	11.5	412	17.3	74	23.9	224	20.5	216	5.1	247	10.9
Franklin -----	110	7.5	229	5.7	52	13.6	170	18.2	166	3.1	190	7.9
George -----	311	7.3	1 053	10.2	107	17.9	181	24.0	368	4.0	394	15.3
Greene -----	257	5.4	619	11.3	57	20.8	59	18.7	300	2.3	264	9.6
Grenada -----	122	10.7	1 043	5.0	59	8.1	1 121	6.5	195	4.9	660	5.5
Hancock -----	118	17.7	170	10.8	58	35.0	38	7.7	173	1.9	164	7.3
Harrison -----	184	10.7	211	30.2	117	18.1	34	17.9	228	6.7	129	10.8
Hinds -----	453	7.1	1 718	5.0	274	11.1	2 230	2.1	727	2.3	1 350	3.3
Holmes -----	310	8.5	3 633	9.3	255	9.3	7 627	3.2	408	3.6	2 182	2.2
Humphreys -----	134	10.7	3 114	1.0	189	8.2	8 553	.4	261	1.6	4 496	.3
Issaquena -----	97	2.9	1 696	1.7	105	2.4	6 313	1.4	110	2.1	1 530	1.0
Itawamba -----	326	7.2	650	10.4	182	13.6	406	4.1	408	2.8	527	3.0
Jackson -----	141	14.0	277	12.1	86	18.8	35	13.9	239	3.2	201	11.7
Jasper -----	253	10.5	622	27.7	86	24.0	39	36.3	358	4.5	459	9.2
Jefferson -----	68	22.9	381	14.8	23	36.9	593	(L)	174	5.2	339	6.7
Jefferson Davis -----	300	7.5	887	20.6	100	19.2	94	14.3	416	2.6	447	10.4
Jones -----	483	7.0	690	11.0	233	11.5	81	19.6	818	1.9	1 409	3.2
Kemper -----	262	8.6	438	9.3	70	23.9	32	22.5	368	2.7	282	9.8
Lafayette -----	240	8.7	621	15.6	127	15.4	313	16.1	332	3.3	452	10.3
Lamar -----	275	6.6	763	11.5	121	16.4	99	20.1	335	4.1	384	11.9
Lauderdale -----	322	6.5	415	13.3	69	25.9	34	47.8	382	3.9	361	10.0
Lawrence -----	250	7.1	772	15.8	67	27.0	273	25.9	296	2.6	388	11.1
Leake -----	347	8.1	498	10.5	198	12.2	255	8.4	554	2.9	1 133	3.8
Lee -----	397	6.6	1 982	7.4	235	10.3	1 790	8.9	514	2.5	1 050	5.2
Leflore -----	212	7.6	4 962	.4	212	7.2	12 970	.3	259	1.2	4 349	.6
Lincoln -----	327	9.5	947	9.2	159	17.5	81	14.0	516	2.4	567	7.6
Lowndes -----	244	8.0	1 370	6.7	178	10.5	990	6.7	326	2.9	927	7.9
Madison -----	319	6.2	2 799	2.0	183	12.5	4 744	3.8	423	3.5	1 543	4.9
Marion -----	373	7.2	1 154	8.3	95	21.8	123	39.7	480	3.1	525	6.9
Marshall -----	345	7.8	1 758	5.2	173	15.3	1 661	6.0	510	2.9	1 096	5.1
Monroe -----	389	5.5	2 035	3.0	277	9.2	2 167	8.3	506	1.8	1 348	4.5
Montgomery -----	205	7.3	616	7.2	136	18.6	926	8.1	281	3.6	445	5.3
Neshoba -----	511	5.0	1 120	9.3	147	13.7	75	19.8	647	2.5	976	6.0
Newton -----	374	7.9	792	9.7	116	16.8	126	7.8	566	2.2	806	5.3
Noxubee -----	252	10.3	2 523	7.0	200	12.5	2 345	4.5	415	3.1	1 202	4.0
Oktibbeha -----	177	15.7	467	8.1	104	24.7	198	13.7	307	5.7	510	4.4
Panola -----	321	12.5	3 013	3.1	344	9.3	4 366	1.1	564	2.9	1 980	3.5

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

APPENDIX C C-17

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses ¹ —Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Pearl River -----	409	6.9	1 211	8.1	115	17.1	266	31.6	535	3.3	655	8.2
Perry -----	156	7.8	375	14.7	43	28.0	109	18.3	218	3.2	223	8.1
Pike -----	256	10.7	1 086	5.8	129	17.7	88	9.0	424	3.8	573	5.1
Pontotoc -----	355	8.7	1 195	5.7	251	12.3	1 192	11.4	499	3.5	766	4.7
Prentiss -----	305	6.9	1 101	7.0	183	14.6	784	8.1	361	3.8	493	7.4
Quitman -----	186	7.9	2 595	4.5	195	7.0	6 802	3.4	218	2.4	2 491	4.1
Rankin -----	314	7.6	1 029	9.7	190	10.2	956	24.3	509	2.8	919	4.0
Scott -----	303	9.5	494	10.0	188	14.9	340	16.2	658	2.5	1 812	2.4
Sharkey -----	97	4.1	3 301	1.7	114	3.6	9 953	.7	123	2.6	2 651	.9
Simpson -----	352	9.0	578	11.0	177	15.3	179	20.8	574	2.6	1 737	3.0
Smith -----	323	7.8	443	10.3	206	11.1	84	10.7	642	1.9	1 427	2.0
Stone -----	183	8.3	433	9.2	41	32.3	71	5.8	215	4.3	273	6.1
Sunflower -----	265	5.3	6 098	.8	299	5.8	19 529	.8	374	1.2	7 094	1.7
Tallahatchie -----	254	9.0	4 694	2.8	278	8.1	11 378	3.5	361	4.3	3 482	2.4
Tate -----	268	9.8	1 537	3.8	188	12.5	1 454	4.4	537	2.3	1 185	7.9
Tippah -----	402	6.7	1 114	11.4	164	15.8	359	9.7	512	3.1	626	6.8
Tishomingo -----	189	12.0	235	9.2	68	27.0	84	5.0	268	2.3	143	10.1
Tunica -----	85	5.6	3 491	.2	112	2.9	9 532	.7	120	1.4	3 386	1.6
Union -----	408	5.3	1 468	5.5	258	8.6	771	13.8	519	2.5	717	11.2
Walthall -----	430	5.7	2 008	4.5	179	13.8	232	13.9	530	2.8	775	4.4
Warren -----	119	15.6	1 040	4.4	89	20.3	3 464	2.4	195	2.1	856	3.5
Washington -----	278	4.9	5 739	.8	297	4.7	19 451	.7	343	1.3	5 665	1.0
Wayne -----	350	5.7	638	8.6	147	14.2	84	13.6	446	2.2	727	8.9
Webster -----	189	8.4	1 258	7.6	112	16.0	1 335	10.1	223	4.8	496	6.1
Wilkinson -----	105	15.1	516	5.8	52	24.2	211	.9	181	5.0	294	6.8
Winston -----	384	5.0	789	14.3	134	17.5	264	30.9	468	2.5	532	9.4
Yalobusha -----	152	13.9	772	6.8	81	20.7	1 017	12.7	255	3.8	556	8.3
Yazoo -----	332	6.3	5 853	1.1	339	6.8	14 829	.8	527	1.2	3 684	.9
Geographic area	Farm production expenses ¹ —Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Mississippi -----	14 358	1.9	28 120	.7	11 373	2.0	168 464	.4	3 293	3.6	16 705	1.7
Adams -----	44	12.0	52	6.3	53	10.7	827	1.1	26	11.6	64	15.7
Alcorn -----	179	14.8	62	9.9	61	22.6	241	4.0	3	—	19	—
Amitite -----	203	9.6	215	4.9	143	12.9	755	3.2	46	25.5	143	25.4
Attala -----	136	16.7	86	6.4	57	25.3	908	1.0	22	37.9	39	8.2
Benton -----	121	13.5	77	17.0	84	18.5	1 384	5.0	14	52.0	(D)	(D)
Bolivar -----	334	5.9	2 258	2.9	346	6.0	10 389	1.4	85	13.4	987	.5
Calhoun -----	180	13.4	117	5.8	142	13.9	1 327	3.7	33	44.6	117	48.2
Carroll -----	220	9.7	184	4.0	141	12.9	1 891	2.2	29	37.1	226	35.3
Chickasaw -----	208	10.5	170	6.8	135	16.7	910	3.8	62	33.7	173	21.9
Choctaw -----	45	20.9	39	9.3	30	33.5	395	1.2	4	—	(D)	(D)
Claiborne -----	65	23.0	32	9.2	70	22.7	646	7.9	20	51.2	31	28.5
Clarke -----	95	20.1	37	22.4	120	18.4	123	34.4	43	37.4	26	40.6
Clay -----	135	15.8	89	6.2	137	17.7	885	1.2	23	41.7	61	7.9
Coahoma -----	184	7.9	596	1.7	186	7.7	9 032	1.7	86	14.7	1 057	1.3
Copiah -----	188	11.9	216	5.3	180	13.9	1 224	8.3	56	28.4	168	13.0
Covington -----	172	16.5	228	2.9	172	15.6	1 315	8.7	59	33.2	109	10.0
De Soto -----	271	9.0	272	7.8	173	14.6	2 430	3.9	45	36.4	209	6.2
Forrest -----	151	11.6	114	7.2	66	24.2	379	8.3	35	38.5	67	25.1
Franklin -----	51	11.1	23	8.5	33	20.7	164	15.2	16	22.6	31	27.0
George -----	183	12.8	96	5.0	90	19.0	906	4.2	33	31.1	110	30.9
Greene -----	117	15.2	80	16.6	87	20.8	132	16.7	39	37.1	44	34.9
Grenada -----	71	17.6	131	7.5	66	15.9	1 379	3.1	9	54.6	49	20.9
Hancock -----	65	29.4	28	17.4	48	35.1	49	25.9	1	(D)	(D)	—
Harrison -----	83	15.7	44	10.3	36	31.9	254	3.8	26	48.6	12	18.3
Hinds -----	294	10.0	448	3.9	210	13.5	4 974	.8	66	22.9	1 140	3.1
Holmes -----	254	10.8	276	18.5	257	8.8	4 345	2.3	41	32.4	161	5.2
Humphreys -----	194	7.5	2 178	2.6	202	10.3	9 012	.4	61	1.2	831	.1
Issaquena -----	81	4.6	272	.7	83	6.0	3 021	6	31	13.8	446	10.6
Itawamba -----	143	16.2	120	5.2	58	29.0	251	.8	3	(D)	(D)	—
Jackson -----	118	17.8	222	2.8	59	29.5	447	2.6	7	5.5	15	5.6
Jasper -----	123	18.9	117	7.2	106	17.6	388	11.6	51	30.6	104	13.3
Jefferson -----	59	26.4	20	10.1	95	19.8	386	3.6	21	54.3	37	33.8
Jefferson Davis -----	190	11.0	90	14.9	106	15.9	354	14.2	72	26.4	237	64.1
Jones -----	387	8.1	610	2.7	265	10.5	1 679	6.3	93	22.8	142	15.9
Kemper -----	116	19.8	37	15.7	117	20.1	249	13.7	5	—	14	—
Lafayette -----	163	13.8	52	19.0	98	18.5	302	9.0	40	35.7	48	19.8
Lamar -----	145	12.3	79	7.5	119	16.8	403	5.8	69	19.0	170	19.5
Lauderdale -----	129	17.7	54	19.7	100	21.8	624	3.1	40	36.5	65	38.8
Lawrence -----	108	18.2	61	13.1	89	21.4	163	28.3	17	72.0	21	46.6
Leake -----	294	9.1	591	1.4	205	11.5	1 946	1.3	42	26.3	234	10.3
Lee -----	276	11.2	152	5.1	175	14.2	1 140	7.3	61	32.2	105	13.7
Leflore -----	174	10.6	1 514	.2	186	4.9	9 880	.2	51	23.0	397	2.2
Lincoln -----	215	11.3	285	8.2	149	13.6	899	3.2	93	22.1	111	11.6
Lowndes -----	179	10.3	208	3.9	139	13.4	1 416	5.4	41	24.6	93	14.8

See footnotes at end of table.

C-18 APPENDIX C

1992 CENSUS OF AGRICULTURE

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses ¹ —Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Madison -----	153	15.1	130	6.6	171	12.1	2 713	4.6	42	29.3	301	21.8
Marion -----	129	16.1	129	7.2	142	18.3	614	6.5	53	33.0	113	13.3
Marshall -----	194	15.7	154	7.7	192	16.4	1 412	8.2	50	38.1	25	24.5
Monroe -----	256	9.0	206	6.7	137	14.9	1 280	1.8	27	29.5	118	14.3
Montgomery -----	98	22.2	51	22.2	80	22.3	301	5.7	13	45.1	41	1.7
Neshoba -----	292	8.8	375	2.5	170	14.3	674	8.1	41	28.3	114	22.1
Newton -----	213	12.5	320	3.9	201	14.8	1 157	7.7	28	29.8	75	4.6
Noxubee -----	237	10.8	287	6.7	177	14.1	1 667	2.3	56	31.5	217	2.0
Oktibbeha -----	139	19.5	219	4.3	155	15.8	886	3.2	30	50.2	28	54.2
Panola -----	249	13.6	206	16.7	379	8.8	2 661	2.7	15	52.3	102	7.5
Pearl River -----	214	11.5	147	11.8	159	16.6	664	12.4	57	27.0	199	20.5
Perry -----	84	20.8	60	23.5	61	26.1	146	11.4	11	61.0	15	40.2
Pike -----	280	9.2	361	9.0	117	16.4	1 227	2.6	33	41.0	132	48.8
Pontotoc -----	163	11.8	115	11.1	128	18.6	782	8.2	44	42.4	19	25.5
Prentiss -----	132	18.1	54	13.3	109	18.8	348	7.1	17	39.6	42	7.3
Quitman -----	168	7.2	409	22.6	125	12.6	4 029	.7	25	21.2	278	3.1
Rankin -----	230	10.1	305	3.1	151	11.3	1 237	13.7	39	26.6	78	8.7
Scott -----	340	8.1	1 279	1.0	269	8.4	2 717	1.6	69	15.4	269	4.4
Sharkey -----	96	5.2	730	1.1	95	4.2	6 657	.2	31	8.3	(D)	(D)
Simpson -----	336	9.0	1 019	2.2	266	10.9	4 433	1.9	78	23.4	195	5.9
Smith -----	324	7.2	686	4.1	224	9.8	680	7.9	53	24.1	128	7.1
Stone -----	87	20.7	53	10.2	63	26.9	251	8.1	40	35.0	79	25.5
Sunflower -----	308	3.8	2 742	1.8	275	5.2	11 537	1.2	124	12.9	1 495	1.3
Tallahatchie -----	198	11.1	455	3.1	226	11.0	5 873	1.3	35	.8	634	.1
Tate -----	192	13.2	244	12.7	153	15.2	1 560	3.3	46	28.8	80	28.0
Tippah -----	207	13.3	100	13.2	119	18.7	666	11.7	41	32.4	45	24.5
Tishomingo -----	77	26.8	23	15.3	61	32.9	83	23.4	12	85.7	20	49.8
Tunica -----	97	5.4	852	.7	91	5.2	7 431	.4	30	1.7	(D)	(D)
Union -----	251	11.2	98	11.3	117	17.1	382	2.6	15	48.9	18	24.6
Walthall -----	209	10.5	327	4.9	139	11.8	1 702	1.5	80	26.5	241	11.9
Warren -----	101	17.0	109	4.0	97	12.4	1 288	4.1	18	39.2	140	3.5
Washington -----	243	5.6	2 145	.3	264	4.6	12 047	.5	111	12.0	1 362	2.4
Wayne -----	208	8.7	189	6.6	121	17.6	370	19.3	44	22.8	279	43.1
Webster -----	109	13.6	49	18.7	79	19.6	546	8.4	14	54.5	29	20.2
Wilkinson -----	74	18.0	57	9.0	57	26.2	497	9.6	36	32.7	88	28.8
Winston -----	146	16.5	86	11.7	112	17.8	303	8.2	21	54.7	24	28.9
Yalobusha -----	53	11.2	46	12.5	100	15.0	462	2.5	26	48.5	45	36.8
Yazoo -----	328	7.1	671	2.7	317	6.3	7 356	.5	68	10.5	492	1.5
Farm production expenses ¹ —Con.												
Geographic area	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest expense			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
	Mississippi -----	26 115	1.8	120 269	.7	8 455	2.5	.9	12 145	2.1	97 991	.9
Adams -----	98	6.5	767	4.4	31	12.2	519	.8	34	12.1	698	1.9
Alcorn -----	349	4.3	664	8.7	98	22.8	120	22.7	150	17.2	442	15.0
Amite -----	344	5.9	948	5.5	102	17.7	116	21.0	128	13.8	558	7.8
Attala -----	286	7.4	672	8.1	38	30.9	92	7.6	107	17.8	649	8.8
Benton -----	195	5.6	825	6.7	70	22.6	241	26.2	95	18.4	1 099	5.4
Bolivar -----	418	3.5	6 248	1.1	267	7.2	4 435	3.6	256	8.4	4 485	1.0
Calhoun -----	336	4.2	1 474	6.5	114	18.6	249	3.8	209	11.7	1 730	10.1
Carroll -----	336	5.4	1 619	6.6	89	20.4	436	11.0	183	13.1	1 002	11.3
Chickasaw -----	331	6.1	952	8.0	168	16.6	332	14.7	184	14.8	862	4.8
Choctaw -----	156	9.3	191	9.2	26	40.5	77	38.8	54	26.3	328	13.8
Claiborne -----	138	10.2	567	4.1	63	27.1	275	5.1	64	24.1	613	17.2
Clarke -----	274	6.0	260	13.6	55	32.1	19	57.5	98	20.8	119	17.9
Clay -----	302	6.9	758	5.0	52	19.9	206	19.3	157	14.4	976	7.0
Coahoma -----	215	4.1	5 628	.8	131	11.0	3 498	.7	153	9.4	3 647	3.4
Copiah -----	386	5.4	1 048	6.9	84	21.3	164	10.0	184	12.8	1 196	5.8
Covington -----	356	8.4	895	8.9	132	16.7	191	17.8	261	12.1	1 263	7.4
De Soto -----	373	6.7	1 508	5.5	63	26.8	477	1.3	142	12.3	774	6.6
Forrest -----	211	6.1	475	13.9	81	22.8	49	7.6	62	24.8	460	11.4
Franklin -----	129	5.9	268	9.5	44	16.5	45	17.2	32	16.3	153	24.9
George -----	329	6.3	486	8.9	125	18.0	106	20.3	176	14.7	395	15.0
Greene -----	261	5.1	367	11.4	56	27.3	37	36.6	98	18.2	371	13.6
Grenada -----	188	5.9	903	4.9	36	23.0	495	11.1	73	18.1	732	16.0
Hancock -----	142	10.5	237	14.1	26	56.4	52	22.1	6	6.9	75	4.2
Harrison -----	186	11.1	199	20.9	28	33.1	70	57.3	37	35.8	61	36.0
Hinds -----	554	5.4	2 211	3.8	126	19.1	419	9.8	154	14.6	717	8.2
Holmes -----	323	6.3	2 563	1.9	172	16.0	1 957	5.3	189	12.5	2 134	5.3
Humphreys -----	223	9.3	5 611	.4	131	10.9	2 100	.7	162	8.8	5 292	.1
Issaquena -----	99	3.8	1 527	1.4	62	7.2	920	7.0	74	6.7	1 261	2.7
Itawamba -----	299	8.0	420	9.5	102	23.9	67	24.1	161	16.8	507	12.9
Jackson -----	215	6.8	355	11.3	28	35.5	8	45.3	69	27.4	258	18.1
Jasper -----	314	4.6	577	11.3	75	26.0	75	27.8	91	20.2	430	16.3
Jefferson -----	151	9.5	326	6.1	54	29.3	124	15.0	68	24.6	407	29.6
Jefferson Davis -----	389	4.3	708	8.9	79	20.4	75	20.5	140	14.2	480	12.7
Jones -----	730	3.4	1 552	4.7	208	14.8	275	9.1	323	10.9	1 686	11.9

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

APPENDIX C C-19

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses ¹ —Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment			Interest expense				
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Kemper -----	285	7.6	306	10.4	94	19.0	64	15.3	62	28.7	124	39.7
Lafayette -----	271	7.1	349	9.9	108	18.5	141	23.3	119	17.4	559	14.5
Lamar -----	269	7.3	605	11.3	81	21.3	68	12.8	119	15.8	593	15.5
Lauderdale -----	273	7.7	243	17.0	85	23.7	89	28.3	71	27.7	364	38.7
Lawrence -----	263	6.0	355	7.6	58	31.9	117	46.1	100	22.4	264	24.3
Leake -----	493	4.5	1 273	4.1	150	17.7	170	11.7	267	8.7	1 326	6.1
Lee -----	438	5.5	1 243	9.0	176	15.3	205	14.8	238	12.5	1 088	6.2
Leflore -----	210	9.2	5 075	.4	132	11.3	3 081	1.4	188	9.9	4 215	1.3
Lincoln -----	420	6.5	673	7.7	141	19.9	199	11.9	183	15.4	806	11.2
Lowndes -----	267	6.3	789	6.7	88	22.0	240	17.1	156	12.5	943	13.8
Madison -----	396	5.0	1 912	6.4	165	11.6	1 184	12.3	170	12.0	1 175	4.4
Marion -----	406	5.5	778	7.3	88	26.1	83	24.2	196	13.3	655	15.9
Marshall -----	435	5.5	1 188	6.5	72	29.6	198	9.6	140	20.3	794	16.0
Monroe -----	451	3.9	1 655	3.5	102	19.6	354	14.7	164	14.9	923	6.2
Montgomery -----	244	6.2	599	7.7	76	24.2	132	5.9	130	15.0	738	31.6
Neshoba -----	526	4.8	1 081	8.3	98	20.2	116	23.0	273	9.9	1 032	7.0
Newton -----	469	5.6	984	5.4	94	22.1	157	16.0	169	15.4	998	14.8
Noxubee -----	356	6.6	1 389	7.0	131	19.9	421	14.6	214	13.1	1 745	3.8
Oktibbeha -----	266	9.1	767	13.7	96	26.2	149	26.4	162	16.5	420	8.4
Panola -----	528	4.5	2 267	5.3	149	19.2	1 051	6.2	217	15.2	1 538	6.2
Pearl River -----	441	6.5	776	10.4	121	16.5	107	14.8	131	17.6	708	19.3
Perry -----	165	9.4	266	13.7	65	23.5	99	24.0	78	19.8	283	17.3
Pike -----	348	8.1	948	10.2	110	21.2	219	9.6	97	20.2	798	7.0
Pontotoc -----	390	6.6	1 066	8.5	109	20.3	175	9.1	189	15.2	848	7.3
Prentiss -----	282	7.8	690	17.5	113	21.3	189	14.6	136	19.7	516	11.8
Quitman -----	192	6.1	2 928	2.6	77	10.9	1 699	.8	131	10.7	1 609	1.0
Rankin -----	453	4.5	1 048	8.1	97	18.0	254	20.7	160	11.9	970	12.4
Scott -----	528	5.7	1 653	5.1	178	13.6	261	11.9	255	9.2	2 617	1.6
Sharkey -----	111	4.3	3 672	.7	81	5.9	1 835	1.8	107	4.2	1 998	2.5
Simpson -----	542	3.7	1 559	3.5	155	16.2	163	18.7	258	9.1	2 512	2.1
Smith -----	550	4.0	1 123	3.2	134	14.4	207	16.8	274	8.7	2 336	5.6
Stone -----	177	8.3	294	11.9	54	24.2	59	24.2	44	25.1	271	4.7
Sunflower -----	344	4.5	7 999	.8	245	8.1	5 317	1.8	266	6.1	6 560	1.0
Tallahatchie -----	330	5.9	4 405	1.8	128	12.0	2 251	4.6	227	10.5	3 041	3.1
Tate -----	478	4.4	1 409	5.0	121	17.0	408	12.9	220	11.7	1 168	12.2
Tippah -----	453	5.3	668	7.8	155	14.4	135	13.3	171	14.6	722	15.3
Tishomingo -----	194	10.3	176	17.6	56	31.3	37	25.9	75	26.1	135	23.4
Tunica -----	100	4.8	2 973	.3	70	7.5	1 796	1.6	102	3.9	2 200	.7
Union -----	480	3.8	913	11.9	148	16.9	125	13.5	208	12.0	641	8.4
Walthall -----	412	6.3	1 217	6.3	123	17.5	234	6.0	177	10.3	1 018	10.1
Warren -----	186	4.3	1 166	6.2	56	25.0	1 352	1.6	67	21.4	491	8.7
Washington -----	317	3.8	8 062	1.0	185	7.8	4 355	3.2	212	5.8	4 588	2.1
Wayne -----	381	5.3	733	17.0	138	15.9	135	23.1	136	15.3	758	29.8
Webster -----	173	10.6	646	8.1	36	35.8	227	13.2	64	20.4	429	12.6
Wilkinson -----	162	7.8	558	7.9	58	25.4	125	21.1	74	14.2	478	13.6
Winston -----	363	6.5	588	13.5	139	15.6	146	18.8	224	12.1	686	16.8
Yalobusha -----	218	7.7	724	10.0	73	23.2	173	16.8	95	17.3	455	6.5
Yazoo -----	443	4.4	4 666	1.3	230	8.8	3 392	.7	255	6.1	2 993	2.4
Geographic area	Farm production expenses ¹ —Con.											
	Cash rent				Property taxes paid			All other farm production expenses				
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Mississippi -----	8 098	2.4	138 331	.5	28 742	1.8	28 683	1.4	26 896	1.7	186 430	.4
Adams -----	22	18.4	200	2.0	105	5.3	192	4.3	120	4.4	433	3.1
Alcorn -----	75	25.1	302	9.6	367	3.6	180	7.7	302	8.0	386	4.4
Amite -----	96	17.4	215	15.7	433	2.3	246	5.0	382	4.3	1 128	4.1
Atala -----	89	22.2	453	26.0	338	4.8	262	8.3	299	7.2	1 310	4.2
Benton -----	57	22.7	681	2.7	186	6.7	216	9.2	160	9.6	828	8.1
Bolivar -----	324	6.6	12 940	3.2	287	7.3	1 227	5.2	433	2.8	8 013	2.6
Calhoun -----	111	13.7	743	3.9	376	2.8	356	9.8	352	4.5	1 470	8.1
Carroll -----	103	18.1	1 056	4.4	348	4.3	320	7.9	345	4.2	2 250	2.4
Chickasaw -----	119	19.6	616	15.3	441	2.3	441	14.9	394	4.2	1 065	6.0
Choctaw -----	17	30.3	88	7.7	188	3.9	142	18.6	117	12.5	290	3.9
Claiborne -----	33	35.4	376	5.8	168	7.6	164	15.4	170	7.5	420	12.3
Clarke -----	78	22.1	92	35.0	298	4.5	185	11.9	235	8.3	228	17.7
Clay -----	108	18.9	451	7.6	318	5.5	343	18.6	295	7.1	945	5.9
Coahoma -----	156	9.2	14 004	.2	144	8.8	502	4.9	229	1.3	8 235	2.0
Copiah -----	114	17.1	268	10.3	439	3.9	389	7.3	400	5.0	2 739	2.1
Covington -----	103	18.9	282	6.9	433	5.2	309	11.2	406	6.6	1 878	4.5
De Soto -----	174	12.7	2 460	1.3	426	5.0	458	15.6	400	6.2	3 011	1.9
Forrest -----	15	44.2	105	18.0	223	4.3	150	16.6	183	9.6	962	3.5
Franklin -----	28	17.6	186	2.8	159	4.4	113	7.1	127	5.6	154	10.2
George -----	57	27.8	88	36.5	347	5.5	187	8.5	307	7.1	811	3.5
Greene -----	68	25.2	65	35.2	294	2.8	187	14.3	247	6.0	806	3.4
Grenada -----	50	19.6	537	2.4	201	4.2	314	9.4	166	6.4	1 024	2.7
Hancock -----	37	45.6	17	22.8	151	9.9	79	19.2	140	10.5	247	11.8
Harrison -----	12	58.8	24	35.2	257	2.2	155	13.3	194	9.1	284	12.6

See footnotes at end of table.

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1992 CENSUS OF AGRICULTURE

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses ¹ —Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Hinds -----	192	14.3	1 349	3.2	634	4.1	569	6.3	623	4.3	1 619	3.2
Holmes -----	164	11.7	4 951	3.7	376	4.5	692	6.7	393	4.4	3 109	2.0
Humphreys -----	161	12.9	5 050	.6	187	11.1	656	1.4	260	1.6	6 751	.3
Issaquena -----	72	6.3	2 259	2.1	98	2.3	321	1.1	110	2.1	2 116	1.4
Itawamba -----	65	27.3	130	12.2	390	4.1	195	12.3	331	7.1	2 245	1.1
Jackson -----	16	44.1	49	19.5	240	3.0	183	8.5	207	7.1	463	6.2
Jasper -----	48	32.0	17	22.7	342	4.2	237	11.1	295	7.2	1 365	6.2
Jefferson -----	42	38.0	352	2.9	154	8.4	161	13.7	142	11.5	242	15.9
Jefferson Davis -----	63	26.1	101	35.6	407	3.2	262	9.6	378	4.2	762	4.7
Jones -----	69	24.7	168	16.5	797	2.4	488	8.0	669	4.5	4 429	1.4
Kemper -----	78	22.6	102	27.5	336	5.3	173	10.7	307	6.6	311	11.2
Lafayette -----	65	26.0	158	27.2	351	2.9	235	8.6	297	5.5	328	13.8
Lamar -----	88	21.8	130	9.8	330	4.4	203	10.8	314	5.4	1 394	7.5
Lauderdale -----	67	28.9	61	30.4	395	3.0	312	14.2	339	6.0	700	8.6
Lawrence -----	33	48.8	171	2.9	266	6.9	157	14.4	247	7.9	529	6.0
Leake -----	102	20.2	190	4.4	556	3.5	420	7.4	489	4.9	4 876	1.6
Lee -----	186	14.6	1 350	3.6	442	5.5	282	4.5	464	4.6	1 357	3.3
Leflore -----	148	10.0	9 471	.2	168	9.1	685	3.9	240	6.0	7 528	.6
Lincoln -----	131	20.8	219	14.7	511	2.6	275	7.5	467	4.1	1 355	3.7
Lowndes -----	138	16.1	807	15.4	291	5.3	300	13.7	288	5.4	1 144	12.6
Madison -----	132	14.2	1 778	7.1	389	4.6	471	8.4	421	3.8	2 058	2.4
Marion -----	95	22.3	97	14.2	445	4.5	351	12.6	397	6.1	796	7.2
Marshall -----	173	15.1	1 196	5.6	513	3.1	505	9.9	438	5.4	1 109	3.9
Monroe -----	143	15.9	1 047	9.2	439	4.9	294	5.9	429	4.7	1 454	2.9
Montgomery -----	73	26.8	320	9.3	252	6.4	164	17.0	256	5.9	564	10.6
Neshoba -----	95	20.5	176	14.3	670	2.3	414	13.1	578	4.0	3 900	1.3
Newton -----	68	28.1	58	12.0	556	3.0	355	6.6	497	3.9	2 884	5.0
Noxubee -----	142	16.5	908	8.2	364	6.2	314	8.4	413	3.1	1 738	7.1
Oktibbeha -----	48	26.7	156	7.8	311	5.7	183	14.3	245	10.9	797	7.0
Panola -----	195	14.1	2 332	1.4	545	2.9	668	9.8	537	3.9	2 247	.4
Pearl River -----	73	25.6	97	18.2	512	3.8	329	10.4	400	7.0	1 012	9.3
Perry -----	19	55.1	85	34.2	205	5.3	87	9.9	170	9.0	635	4.3
Pike -----	101	22.7	222	12.6	434	4.0	360	15.4	384	5.8	1 902	4.0
Pontotoc -----	112	18.9	347	6.2	526	3.1	334	24.9	395	7.5	982	7.8
Prentiss -----	92	23.7	533	7.0	325	6.4	206	9.8	276	8.6	450	6.0
Quitman -----	176	6.9	5 622	4.2	157	9.7	334	3.3	216	2.4	2 835	4.5
Rankin -----	122	13.0	520	29.8	500	3.4	365	5.7	445	4.5	3 804	6.3
Scott -----	73	18.3	180	8.6	659	2.4	689	4.2	541	5.5	12 580	.3
Sharkey -----	79	4.1	6 715	1.0	102	3.1	509	1.3	122	2.6	5 218	.6
Simpson -----	145	17.2	268	13.4	587	2.1	595	7.2	547	4.0	6 759	.7
Smith -----	70	24.1	116	10.6	590	3.4	387	10.1	567	3.6	7 648	.8
Stone -----	14	55.9	21	18.3	205	5.8	106	12.8	162	9.4	389	9.7
Sunflower -----	234	8.8	11 375	1.1	268	6.1	963	5.4	363	3.3	8 866	.7
Tallahatchie -----	169	13.5	7 839	1.1	310	5.7	663	5.6	355	4.7	3 521	2.1
Tate -----	132	15.9	735	6.1	467	4.2	364	5.6	495	3.5	1 645	5.4
Tippah -----	87	19.4	265	12.1	503	4.0	325	13.5	470	4.6	843	4.8
Tishomingo -----	64	31.1	83	16.3	230	6.2	69	17.3	181	10.5	114	9.9
Tunica -----	87	6.0	8 356	.9	79	6.1	425	.9	112	3.4	4 673	.3
Union -----	127	17.2	633	13.2	519	2.7	277	7.7	469	4.1	784	9.6
Walthall -----	115	16.6	200	6.5	513	3.7	434	14.6	440	6.0	1 889	1.7
Warren -----	65	22.1	1 198	1.1	169	7.2	242	4.4	170	7.9	1 259	1.9
Washington -----	232	6.6	12 674	.7	232	6.8	1 032	1.6	335	2.5	9 478	.6
Wayne -----	65	25.2	83	28.7	424	3.4	225	10.7	358	5.7	2 184	3.4
Webster -----	42	27.6	288	3.2	240	5.2	210	7.8	200	8.6	631	10.8
Wilkinson -----	45	29.5	262	24.1	174	5.6	204	23.7	172	7.0	486	7.0
Winston -----	83	23.0	77	19.7	464	3.4	296	10.5	392	5.6	625	10.4
Yalobusha -----	88	18.1	342	13.4	225	6.4	137	11.1	209	8.1	465	8.9
Yazoo -----	249	8.7	7 794	.5	441	3.8	874	2.8	476	3.4	5 671	.9
Geographic area	Net cash return from agricultural sales for the farm unit (see text) ¹				Total cropland				Harvested cropland			
	Farms		Value		Farms		Acres		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
	Mississippi ---	32 003	1.7	319 662	1.2	27 625	1.7	6 518 288	.7	22 245	1.6	4 404 612
Adams -----	135	2.6	930	6.9	95	2.7	38 195	.8	77	3.2	29 132	.3
Alcorn -----	392	2.3	727	40.2	361	2.2	43 471	2.4	312	2.4	27 748	2.1
Armitie -----	439	2.0	1 184	14.9	381	1.8	52 255	1.7	283	2.0	19 283	1.6
Attala -----	379	1.6	78	(H)	308	1.7	42 227	1.5	258	1.8	21 538	1.4
Benton -----	212	1.9	-198	(H)	187	1.9	43 047	1.8	156	2.1	30 205	1.8
Bolivar -----	454	1.5	22 399	6.3	435	1.5	399 420	.5	426	1.5	365 811	.5
Calhoun -----	400	1.8	3 522	20.9	370	2.1	81 614	1.5	334	2.2	53 473	1.2
Carroll -----	394	1.7	5 324	8.0	335	1.7	75 922	1.1	274	1.8	40 638	1.1
Chickasaw -----	451	2.3	4 637	17.7	409	2.3	95 244	1.7	329	2.4	54 338	1.5
Choctaw -----	195	1.6	846	9.7	168	1.7	19 141	2.0	147	1.9	9 408	2.2
Claiborne -----	189	2.4	283	59.5	149	2.9	35 904	2.2	96	3.6	15 527	2.0
Clarke -----	321	2.2	82	(H)	283	2.6	25 324	2.5	217	2.8	7 899	2.6
Clay -----	364	2.3	2 749	12.5	297	2.3	68 915	1.7	228	2.6	36 584	1.3
Coahoma -----	230	1.3	13 049	4.3	218	1.1	278 909	.2	213	1.1	242 592	.2

See footnotes at end of table.

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Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Net cash return from agricultural sales for the farm unit (see text) ¹				Total cropland				Harvested cropland			
	Farms		Value		Farms		Acres		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Copiah -----	490	1.8	3 531	9.5	400	1.8	54 036	1.6	287	1.9	19 830	1.7
Covington -----	482	2.2	2 796	13.1	437	2.1	41 068	2.7	321	2.4	15 336	2.9
De Soto -----	488	1.8	4 560	21.2	397	1.7	106 584	.6	308	1.8	74 658	.4
Forrest -----	233	2.3	763	36.1	194	2.1	16 723	2.3	135	2.5	7 730	3.1
Franklin -----	175	2.5	179	81.4	135	2.3	17 037	2.1	102	2.6	7 206	3.9
George -----	380	2.6	780	29.5	349	2.6	21 879	2.8	281	2.7	10 791	2.8
Greene -----	300	2.3	1 044	10.6	258	2.6	17 247	2.5	210	2.7	7 576	2.6
Grenada -----	213	1.7	1 152	11.2	187	1.6	46 400	1.2	152	1.9	31 530	1.3
Hancock -----	173	1.9	—3	(H)	146	1.9	15 765	2.3	94	2.8	3 966	4.3
Harrison -----	259	2.2	—251	62.0	232	2.2	8 430	2.9	153	2.7	2 081	3.1
Hinds -----	741	2.1	1 142	31.9	591	2.0	111 458	1.1	408	2.1	47 538	.9
Holmes -----	426	2.3	3 008	7.3	354	2.3	153 235	.8	304	2.3	114 197	.8
Humphreys -----	262	1.6	12 104	3.4	202	1.3	139 746	.6	190	1.4	116 571	.6
Issaquena -----	110	2.1	3 937	2.9	106	1.5	100 801	.6	106	1.5	93 153	.7
Itawamba -----	418	2.1	2 801	7.5	376	2.1	41 688	2.3	308	2.3	25 446	1.9
Jackson -----	246	2.3	1 080	33.5	217	2.2	11 561	3.0	149	2.7	4 930	4.2
Jasper -----	385	2.2	1 201	26.3	299	2.2	34 314	2.6	238	2.3	9 934	2.9
Jefferson -----	182	2.6	111	(H)	147	2.6	25 923	2.0	101	2.9	12 052	2.2
Jefferson Davis -----	427	2.1	585	71.8	375	2.2	41 928	2.6	299	2.4	12 887	2.6
Jones -----	821	1.9	9 258	3.5	653	1.7	43 635	1.8	473	1.9	15 289	1.9
Kemper -----	376	2.4	394	52.0	314	2.4	34 806	2.5	265	2.5	11 301	2.3
Lafayette -----	370	1.8	296	59.3	308	1.7	38 124	2.0	258	1.9	17 805	2.2
Lamar -----	362	2.6	1 235	38.7	317	2.6	26 091	3.6	240	2.8	9 262	4.6
Lauderdale -----	407	2.3	575	77.2	352	2.4	29 719	2.6	247	2.6	9 221	2.3
Lawrence -----	296	2.6	1 428	36.0	269	2.5	28 837	2.4	215	2.7	13 333	2.2
Leake -----	601	1.8	6 338	4.3	486	1.7	45 686	1.8	382	1.8	16 372	1.9
Lee -----	534	2.0	3 810	17.7	463	1.9	101 294	1.2	414	1.9	72 368	1.1
Leflore -----	261	1.2	9 942	2.8	244	.9	228 459	.3	233	1.0	199 045	.3
Lincoln -----	522	2.2	2 017	29.8	436	1.9	45 867	1.8	320	2.0	20 409	2.1
Lowndes -----	342	1.7	2 335	16.6	301	1.5	79 481	1.4	250	1.7	55 257	1.6
Madison -----	455	1.9	2 399	16.8	385	1.9	117 023	.9	308	2.0	67 977	.7
Marion -----	492	2.5	784	31.3	434	2.3	43 025	2.0	328	2.3	14 294	1.9
Marshall -----	527	2.6	750	65.0	428	2.6	93 074	1.7	345	2.7	52 178	1.4
Monroe -----	511	1.4	5 179	13.2	464	1.4	116 303	1.2	411	1.5	80 037	1.1
Montgomery -----	289	2.5	1 775	32.9	235	2.3	40 763	2.0	201	2.4	21 018	1.9
Neshoba -----	699	1.6	4 959	7.6	622	1.6	56 340	1.6	501	1.8	20 422	1.5
Newton -----	577	2.0	5 058	7.9	487	2.0	47 199	2.5	370	2.2	16 841	2.8
Noxubee -----	426	1.8	6 073	10.7	379	1.7	126 041	1.1	309	1.8	83 545	1.1
Oktibbeha -----	338	2.0	1 532	31.6	283	2.2	45 625	2.0	227	2.5	22 881	2.0
Panola -----	577	2.0	4 972	12.3	483	2.0	147 039	.9	408	2.0	98 261	.8
Pearl River -----	554	2.3	648	85.1	490	2.1	47 661	1.5	296	2.2	18 083	1.5
Perry -----	226	2.0	885	14.5	197	1.9	14 343	2.7	140	2.3	6 309	4.1
Pike -----	458	2.4	2 644	14.0	401	2.3	47 964	2.3	302	2.5	17 740	2.5
Pontotoc -----	549	2.0	1 168	29.1	498	1.9	81 967	2.0	414	2.1	50 363	2.3
Prentiss -----	374	2.0	1 163	21.0	341	2.0	54 098	1.7	281	2.2	38 187	1.8
Quitman -----	218	2.4	7 415	3.6	214	1.9	175 010	.8	212	1.9	153 844	.7
Rankin -----	537	1.8	5 769	5.5	448	1.7	58 998	1.5	351	1.8	22 900	1.9
Scott -----	686	1.5	25 819	11.1	558	1.6	56 393	1.7	425	1.7	21 324	1.7
Sharkey -----	126	1.5	10 730	1.4	116	1.1	167 339	.3	116	1.1	149 146	.3
Simpson -----	587	2.1	13 927	3.9	492	2.2	45 375	2.5	365	2.4	12 859	2.4
Smith -----	661	1.7	14 328	1.1	557	1.8	45 442	2.3	410	2.0	12 790	2.2
Stone -----	223	2.4	247	59.8	201	2.4	17 729	2.8	148	2.9	6 620	3.2
Sunflower -----	375	1.2	13 052	6.4	321	1.2	322 698	.4	314	1.2	267 837	.3
Tallahatchie -----	387	1.8	8 460	5.8	360	1.4	228 030	.6	327	1.5	187 000	.5
Tate -----	544	1.9	3 572	10.6	446	1.8	83 894	1.2	347	1.9	49 574	1.1
Tippah -----	552	2.1	1 410	20.4	506	1.8	53 134	1.8	428	1.9	29 113	1.5
Tishomingo -----	268	2.3	—114	(H)	244	2.1	19 743	2.6	206	2.4	11 071	3.1
Tunica -----	120	1.4	9 507	1.8	114	1.0	215 373	.3	114	1.0	202 609	.3
Union -----	539	1.6	1 057	24.4	482	1.6	63 499	1.4	438	1.6	43 029	1.3
Walthall -----	564	1.6	4 330	9.4	505	1.7	65 204	1.3	413	1.8	27 070	1.3
Warren -----	195	2.1	1 574	18.7	163	2.4	66 033	1.4	125	2.6	46 995	1.3
Washington -----	344	1.3	12 290	2.4	328	1.1	310 305	.4	319	1.1	267 415	.3
Wayne -----	450	2.1	3 633	10.0	396	1.9	30 706	2.1	307	2.1	11 535	2.0
Webster -----	270	2.2	2 018	15.3	242	2.3	41 792	2.0	215	2.4	26 065	1.7
Wilkinson -----	189	3.0	551	73.6	151	2.5	28 748	2.0	116	2.8	12 369	1.9
Winston -----	485	2.1	78	(H)	441	2.1	41 382	2.4	350	2.2	13 741	2.7
Yalobusha -----	263	2.0	975	18.1	228	1.8	43 525	1.6	194	2.1	23 936	1.2
Yazoo -----	531	1.2	5 287	6.4	444	1.3	252 061	.4	371	1.3	191 384	.3
Geographic area	Irrigated land				Livestock and poultry							
	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Mississippi -----	2 127	1.0	882 976	.2	21 070	1.8	1 152 331	1.2	18 855	1.8	588 920	1.4
Adams -----	4	12.4	20	5.0	85	3.4	3 949	3.2	78	3.6	(D)	(D)
Alcorn -----	7	13.8	583	6.9	255	2.6	8 376	3.1	237	2.7	4 637	3.2
Amitite -----	5	16.5	33	26.2	369	1.9	23 947	1.7	309	2.1	10 663	1.8
Attala -----	8	9.4	88	12.6	286	1.8	12 254	2.3	264	1.9	7 737	2.8

See footnotes at end of table.

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Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Irrigated land				Livestock and poultry								
	Farms		Acres		Cattle and calves inventory				Beef cows inventory				
					Farms		Total		Farms		Total		
	Number	Relative standard error of estimate (percent)		Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Relative standard error of estimate (percent)	
Benton -----	2	30.4	(D)	144 712	.5	143	2.2	11 376	1.3	134	2.3	6 065	1.7
Bolivar -----	254	1.3				21	6.6	1 345	3.7	21	6.6	(D)	(D)
Calhoun -----	2	20.2	(D)			254	2.5	13 443	2.6	240	2.6	7 473	2.6
Carroll -----	15	5.3	3 572		1.9	276	2.1	26 505	1.1	254	2.2	11 557	1.7
Chickasaw -----	5	15.7	(D)			277	2.4	22 696	1.6	243	2.5	10 485	2.0
Choctaw -----	3	16.9	14		22.7	132	2.2	6 849	1.8	122	2.3	(D)	(D)
Claiborne -----	8	10.8	(D)			152	2.8	17 614	1.8	143	2.9	(D)	(D)
Clarke -----	22	6.4	625		6.4	246	2.8	10 745	2.4	235	2.8	6 823	2.5
Clay -----	9	12.6	.99		13.8	293	2.3	25 371	2.0	221	2.7	9 533	2.5
Coahoma -----	99	1.3	109 961		.1	15	8.2	1 140	8.4	14	8.0	615	7.9
Copiah -----	6	11.6	(D)			382	1.9	21 063	1.7	351	2.0	11 657	1.9
Covington -----	22	8.0	714		6.1	372	2.3	20 866	3.0	329	2.4	9 199	3.3
De Soto -----	22	5.4	4 556		.1	314	2.0	14 321	1.7	269	2.1	8 250	2.0
Forrest -----	13	9.3	(D)			162	2.4	5 516	2.9	149	2.5	3 061	3.9
Franklin -----	10	8.9	181		3.6	142	2.3	6 806	1.9	135	2.4	3 177	2.2
George -----	45	4.6	669		2.6	248	3.0	9 112	2.8	217	3.1	4 746	3.7
Greene -----	6	16.3	(D)			227	2.7	8 831	2.9	206	2.8	5 003	3.0
Grenada -----	7	8.9	1 507		6.9	132	2.2	12 968	1.4	125	2.2	6 717	1.8
Hancock -----	11	11.1	154		17.2	132	2.1	5 373	2.4	111	2.5	2 533	3.3
Harrison -----	22	7.6	.74		11.2	147	2.8	3 528	3.3	123	3.1	1 816	3.9
Hinds -----	16	7.1	88		8.2	527	2.2	38 454	1.2	492	2.2	(D)	(D)
Holmes -----	43	2.4	40 113		.4	241	2.8	14 624	2.3	217	2.9	9 386	2.3
Humphreys -----	78	1.6	32 809		.6	10	9.8	417	2.6	10	9.8	250	2.7
Issaquena -----	13	3.8	6 711		1.0	14	6.4	1 318	1.9	11	6.6	720	.9
Itawamba -----	3	20.3	(D)			270	2.4	9 649	3.5	240	2.6	5 338	3.8
Jackson -----	21	7.7	137		6.9	137	2.9	5 923	3.9	127	3.0	(D)	(D)
Jasper -----	6	14.2	35		12.4	318	2.2	15 168	2.5	297	2.2	8 319	2.5
Jefferson -----	2	24.4	(D)			144	2.7	6 943	2.5	132	2.8	(D)	(D)
Jefferson Davis -----	18	7.1	333		6.9	335	2.3	17 885	2.4	313	2.4	9 938	2.3
Jones -----	29	6.0	198		8.0	592	1.8	26 967	1.6	529	1.9	14 247	1.8
Kemper -----	8	13.9	133		21.8	314	2.4	15 493	2.2	295	2.5	9 483	2.4
Lafayette -----	8	8.8	151		10.0	272	1.9	11 591	2.0	257	1.9	6 962	2.0
Lamar -----	14	10.8	146		10.0	255	2.9	12 197	3.8	223	3.0	5 351	5.1
Lauderdale -----	12	10.6	192		18.8	305	2.5	11 387	2.4	279	2.6	6 525	2.4
Lawrence -----	6	16.1	34		19.4	249	2.5	11 220	2.7	230	2.6	6 674	3.1
Leake -----	11	9.3	80		5.8	460	1.8	21 813	2.0	418	1.9	11 790	2.1
Lee -----	11	8.1	162		3.2	352	2.0	18 511	1.6	309	2.1	8 009	2.1
Leflore -----	130	1.3	78 436		.3	19	7.7	1 460	3.7	15	8.7	657	3.6
Lincoln -----	12	7.5	.88		16.5	450	1.9	27 327	1.8	378	2.0	11 821	2.2
Lowndes -----	15	6.0	416		8.1	180	2.2	15 675	1.9	158	2.3	7 950	1.9
Madison -----	14	7.8	1 618		.4	288	2.2	22 993	2.0	262	2.2	12 373	2.0
Marion -----	19	8.6	128		33.9	390	2.3	19 878	2.3	325	2.5	8 498	2.4
Marshall -----	7	12.8	.36		19.0	385	2.7	22 100	2.3	345	2.8	13 242	2.6
Monroe -----	18	6.3	556		3.3	292	1.7	19 515	1.6	259	1.9	9 937	2.0
Montgomery -----	7	13.6	126		24.1	210	2.5	12 844	2.7	201	2.5	7 702	3.0
Neshoba -----	11	11.4	146		24.9	571	1.7	30 252	1.6	520	1.8	15 682	1.8
Newton -----	6	14.5	45		3.9	434	2.1	23 400	2.3	382	2.2	10 758	2.7
Noxubee -----	6	6.2	381		.4	249	2.1	21 307	1.5	192	2.5	9 304	2.3
Oktibbeha -----	27	5.7	363		5.4	234	2.3	14 966	1.7	194	2.5	6 254	2.2
Panola -----	23	2.8	11 680		.2	404	2.1	21 811	1.8	374	2.2	13 000	1.9
Pearl River -----	48	4.8	285		9.3	400	2.3	22 819	1.5	353	2.4	10 423	1.7
Perry -----	11	10.5	239		3.0	167	2.2	5 818	2.8	156	2.2	3 641	2.8
Pike -----	6	17.6	41		13.6	390	2.4	25 550	2.3	315	2.7	8 479	3.7
Pontotoc -----	8	10.3	83		5.4	321	2.3	13 129	2.9	299	2.3	6 775	2.8
Prentiss -----	3	22.7	.24		26.9	214	2.5	7 366	2.6	191	2.6	3 596	3.2
Quitman -----	86	2.3	36 587		1.1	7	12.1	643	12.6	7	12.1	402	13.0
Rankin -----	9	10.9	29		7.9	393	1.8	24 607	1.6	357	1.9	13 519	1.7
Scott -----	17	8.1	143		14.5	501	1.7	25 253	1.6	446	1.7	14 566	1.8
Sharkey -----	39	1.8	21 403		1.3	4	17.2	134	10.1	3	16.1	75	11.6
Simpson -----	11	11.4	92		13.1	436	2.4	22 419	2.6	389	2.4	12 623	2.7
Smith -----	17	8.0	205		5.7	479	1.9	20 863	2.3	443	2.0	12 487	2.4
Stone -----	8	14.2	81		35.1	159	2.8	6 639	4.1	144	3.0	3 856	4.6
Sunflower -----	202	1.3	139 004		.3	18	7.2	1 248	9.2	17	7.1	602	8.9
Tallahatchie -----	94	1.5	73 027		.4	140	2.4	7 895	2.5	132	2.5	4 842	2.7
Tate -----	10	7.0	487		5.4	430	1.8	28 837	1.5	376	1.9	13 217	1.8
Tippah -----	4	14.8	(D)		(D)	394	1.9	14 246	2.3	340	2.0	6 792	2.6
Tishomingo -----	3	21.4	(D)		(D)	174	2.7	4 982	3.6	156	2.8	(D)	(D)
Tunica -----	67	1.3	49 023		.2	6	10.9	1 547	.3	5	9.9	(D)	(D)
Union -----	9	10.7	65		13.0	353	1.8	11 856	1.8	322	1.9	6 333	2.0
Walthall -----	17	6.5	577		2.8	472	1.8	31 674	1.2	362	2.1	9 300	1.9
Warren -----	7	11.9	(D)		(D)	99	3.3	6 098	2.7	95	3.3	3 929	3.0
Washington -----	163	1.2	96 632		.3	34	5.2	1 892	4.5	30	5.3	1 045	4.6
Wayne -----	16	8.7	63		9.3	320	2.1	14 659	2.2	304	2.1	8 264	2.3
Webster -----	4	11.7	(D)		(D)	183	2.7	8 438	3.1	166	2.8	4 300	3.7
Wilkinson -----	5	13.0	17		15.8	154	2.6	11 775	1.8	141	2.7	6 189	2.1
Winston -----	6	14.9	54		17.1	399	2.2	15 880	2.6	359	2.3	8 777	2.6
Yalobusha -----	8	9.8	103		6.9	189	2.2	8 934	2.5	174	2.3	5 408	3.1
Yazoo -----	48	2.1	18 901		.2	271	1.9	20 048	1.4	259	2.0	12 007	1.4

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

APPENDIX C C-23

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Livestock and poultry —Con.											
	Milk cows inventory			Hogs and pigs inventory			Sheep and lambs inventory					
	Farms		Total	Farms		Total	Farms		Total			
	Number	Relative standard error of estimate (percent)	Number	Number	Relative standard error of estimate (percent)	Number	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	
Mississippi ---	1 216	1.6	64 510	.7	1 270	2.0	160 917	1.0	237	2.9	6 447	3.4
Adams -----	1	46.2	(D)	(D)	2	33.9	(D)	(D)	1	46.2	(D)	(D)
Alcorn -----	16	9.1	315	7.5	21	8.9	2 444	16.6	1	42.7	(D)	(D)
Armitie -----	38	3.6	3 609	1.1	10	9.9	65	11.3	3	11.2	5	13.5
Attala -----	16	8.2	366	5.5	15	8.0	2 436	.8	4	14.3	55	14.7
Benton -----	7	13.2	67	21.2	11	8.9	99	11.2	3	17.8	(D)	(D)
Bolivar -----	2	19.4	(D)	(D)	5	15.4	236	28.4	6	12.5	669	5.1
Calhoun -----	9	12.6	174	11.5	19	7.8	2 585	4.9	—	—	—	—
Carroll -----	11	9.6	425	2.8	25	7.0	384	13.1	6	13.0	79	8.2
Chickasaw -----	23	5.8	933	5.6	29	6.3	9 492	2.7	—	—	—	—
Choctaw -----	6	13.0	(D)	(D)	17	6.9	3 714	5.9	—	—	—	—
Claiborne -----	1	—	(D)	(D)	8	11.9	309	4.6	1	—	(D)	(D)
Clarke -----	8	13.2	134	5.4	13	10.6	1 674	31.2	4	14.9	118	3.1
Clay -----	19	6.9	805	6.3	19	9.1	925	3.8	1	—	(D)	(D)
Coahoma -----	—	—	—	—	8	10.8	269	20.2	—	—	—	—
Copiah -----	15	6.9	1 378	3.1	8	14.9	210	18.4	1	41.0	(D)	(D)
Covington -----	13	11.1	79	5.9	10	11.3	315	17.3	2	29.9	(D)	(D)
De Soto -----	21	6.3	816	.6	11	10.8	360	20.3	4	14.9	18	12.6
Forrest -----	9	11.0	334	11.5	12	10.6	537	26.0	1	44.3	(D)	(D)
Franklin -----	7	12.6	289	6.5	5	15.2	143	15.6	—	—	—	—
George -----	21	7.6	448	2.4	16	8.9	2 636	7.8	7	13.1	98	15.4
Greene -----	9	14.1	43	18.2	21	8.1	675	13.3	7	11.9	456	28.3
Grenada -----	—	—	—	—	7	12.3	(D)	(D)	—	—	—	—
Hancock -----	14	7.9	644	6.7	8	10.7	823	14.9	1	38.8	(D)	(D)
Harrison -----	11	9.2	180	1.2	8	14.6	447	20.6	8	11.2	296	13.8
Hinds -----	7	12.3	(D)	(D)	37	6.3	3 890	11.9	7	16.4	55	25.2
Holmes -----	12	11.3	107	13.6	28	7.2	764	12.1	2	22.9	(D)	(D)
Humphreys -----	—	—	—	—	5	16.2	288	22.4	—	—	—	—
Issaquena -----	—	—	—	—	—	—	—	—	—	—	—	—
Itawamba -----	14	9.8	199	13.3	20	8.1	1 490	3.9	6	15.5	74	32.3
Jackson -----	8	12.8	(D)	(D)	21	7.6	186	15.6	4	21.7	30	26.3
Jasper -----	15	7.7	624	4.3	10	11.4	75	13.1	1	37.9	(D)	(D)
Jefferson -----	2	19.9	(D)	(D)	6	17.7	31	17.6	—	—	—	—
Jefferson Davis -----	14	9.2	207	8.7	19	7.9	2 472	2.7	1	26.2	(D)	(D)
Jones -----	17	7.2	807	4.7	34	5.5	841	4.7	9	11.2	200	12.0
Kemper -----	8	13.3	200	7.8	9	12.9	647	21.5	3	19.3	(D)	(D)
Lafayette -----	6	13.8	19	19.3	9	10.7	211	15.6	—	—	—	—
Lamar -----	13	10.5	405	9.9	8	16.4	105	29.8	1	49.9	(D)	(D)
Lauderdale -----	6	13.1	229	13.3	20	8.2	206	11.1	4	16.9	22	19.9
Lawrence -----	17	8.6	447	10.5	3	17.2	(D)	(D)	1	26.3	(D)	(D)
Leake -----	16	6.1	1 208	1.1	15	7.8	728	21.0	—	—	—	—
Lee -----	20	4.3	1 646	.6	13	8.0	1 189	1.7	—	—	—	—
Leflore -----	—	—	—	—	2	18.0	(D)	(D)	1	43.3	(D)	(D)
Lincoln -----	55	3.3	4 268	1.5	11	8.7	114	15.7	5	16.8	28	30.7
Lowndes -----	6	13.7	116	2.4	16	7.5	(D)	(D)	1	—	(D)	(D)
Madison -----	8	13.7	98	16.2	20	8.0	1 226	2.2	1	35.3	(D)	(D)
Marion -----	53	3.4	2 804	1.8	19	8.2	109	14.1	3	16.0	(D)	(D)
Marshall -----	18	7.3	1 130	1.5	23	8.7	456	21.5	6	12.7	77	28.6
Monroe -----	19	6.2	739	5.1	9	10.2	6 498	4.2	1	35.2	(D)	(D)
Montgomery -----	10	10.4	102	5.7	13	9.6	326	2.7	3	14.2	(D)	(D)
Neshoba -----	20	6.1	1 601	3.1	20	8.3	857	17.0	3	20.2	44	28.4
Newton -----	29	6.0	2 049	3.2	18	8.0	1 541	17.7	3	25.5	(D)	(D)
Noxubee -----	33	4.8	2 187	3.0	30	5.4	17 019	1.5	1	37.4	(D)	(D)
Oktibbeha -----	26	4.4	2 408	.9	16	7.9	3 341	1.1	6	15.3	343	13.1
Panola -----	11	8.2	167	.7	19	7.7	3 031	1.3	3	20.2	(D)	(D)
Pearl River -----	39	5.1	625	3.6	25	7.6	445	9.6	13	10.0	277	8.0
Perry -----	8	13.1	28	25.9	14	10.0	274	22.0	1	—	(D)	(D)
Pike -----	73	3.0	6 763	1.6	15	10.0	406	15.9	4	20.4	44	20.0
Pontotoc -----	21	7.5	670	4.8	25	7.3	709	9.4	3	22.6	207	21.6
Prentiss -----	14	8.5	728	3.6	21	8.1	791	8.6	2	27.6	(D)	(D)
Quitman -----	—	—	—	—	1	41.2	(D)	(D)	—	—	—	—
Rankin -----	12	10.1	585	5.8	16	8.6	7 501	4.3	8	11.0	131	19.2
Scott -----	21	7.7	616	2.9	24	6.6	652	18.1	3	19.0	11	17.9
Sharkey -----	—	—	—	—	1	49.0	(D)	(D)	—	—	—	—
Simpson -----	20	7.6	328	14.0	20	8.8	8 013	8.0	9	10.5	164	12.6
Smith -----	12	9.7	389	5.2	23	5.5	973	8.2	2	24.1	(D)	(D)
Stone -----	7	14.3	36	16.6	17	8.8	2 183	2.6	13	9.4	429	6.6
Sunflower -----	—	—	—	—	1	41.2	(D)	(D)	—	—	—	—
Tallahatchie -----	4	13.9	19	22.4	7	7.9	(D)	(D)	1	—	(D)	(D)
Tate -----	44	4.0	3 417	1.4	27	6.1	1 557	7.3	4	14.7	(D)	(D)
Tippah -----	27	5.2	945	2.4	38	5.4	1 469	7.0	6	14.3	68	24.8
Tishomingo -----	4	21.6	(D)	(D)	11	10.5	814	7.9	1	42.1	(D)	(D)
Tunica -----	1	42.1	(D)	(D)	1	42.1	(D)	(D)	—	—	—	—
Union -----	22	6.6	466	5.4	25	5.4	1 711	9.9	4	14.6	549	13.3
Walthall -----	105	1.7	9 428	.7	35	5.6	3 645	6.3	4	17.2	(D)	(D)
Warren -----	—	—	—	—	13	8.7	1 712	7.1	5	14.5	122	17.1
Washington -----	—	—	—	—	4	20.1	182	27.1	2	29.8	(D)	(D)
Wayne -----	7	10.7	46	11.2	32	5.2	899	9.0	7	13.7	95	23.8
Webster -----	6	15.5	238	13.5	13	10.4	110	16.1	—	—	—	—
Wilkinson -----	4	14.6	515	4.2	10	11.0	17	13.0	2	24.7	(D)	(D)
Winston -----	12	9.5	612	6.2	13	11.3	328	13.0	1	43.2	(D)	(D)
Yalobusha -----	8	10.6	223	6.0	19	7.6	2 921	2.9	—	—	—	—
Yazoo -----	5	14.7	152	7.9	38	4.7	13 093	1.6	5	13.6	214	15.6

See footnotes at end of table.

C-24 APPENDIX C

1992 CENSUS OF AGRICULTURE

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Livestock and poultry —Con.						
	Hens and pullets of laying age inventory				Broilers and other meat-type chickens sold		
	Farms		Total		Farms		Total
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number
Mississippi ---	1 400	2.2	5 288 469	.7	1 211	.3	388 128 497
Adams -----	6	15.8	35	18.6	1	49.7	(D)
Alcorn -----	20	8.8	291	10.3	—	—	—
Armitie -----	11	9.9	155	12.3	—	—	—
Atala -----	24	7.0	461	10.6	2	—	(D)
Benton -----	9	10.4	257	25.5	—	—	—
Bolivar -----	5	15.7	87	16.3	1	—	(D)
Calhoun -----	13	11.6	186	13.2	—	—	—
Carroll -----	22	7.8	485	11.7	—	—	—
Chickasaw -----	21	8.6	(D)	(D)	1	—	(D)
Choctaw -----	5	16.2	81	16.6	—	—	—
Claiborne -----	15	9.9	1 491	3.7	—	—	—
Clarke -----	10	13.5	164	15.7	1	—	(D)
Clay -----	15	9.7	276	12.9	—	—	(D)
Coahoma -----	3	19.0	69	19.4	—	—	—
Copiah -----	15	9.7	690	13.1	25	—	9 386 690
Covington -----	32	6.6	133 633	6.6	28	1.5	9 869 170
De Soto -----	29	6.3	566	8.2	3	19.8	10
Forrest -----	11	10.7	171	16.1	12	—	3 333 838
Franklin -----	10	12.7	150	13.5	—	—	—
George -----	26	7.8	529	9.8	1	47.8	(D)
Greene -----	28	6.7	58 354	2.8	23	2.7	5 530 984
Grenada -----	10	11.1	(D)	(D)	—	—	—
Hancock -----	3	16.1	32	19.4	—	—	—
Harrison -----	20	8.3	1 444	4.1	—	—	—
Hinds -----	45	5.8	(D)	(D)	—	—	—
Holmes -----	23	8.1	384	9.6	—	—	—
Humphreys -----	1	49.9	(D)	(D)	—	—	—
Issaquena -----	1	—	(D)	(D)	—	—	—
Itawamba -----	14	9.3	(D)	(D)	23	—	11 168 800
Jackson -----	30	6.8	681	9.7	—	—	—
Jasper -----	14	9.8	(D)	(D)	33	2.8	8 757 964
Jefferson -----	11	11.6	206	12.0	2	24.2	(D)
Jefferson Davis -----	22	8.3	(D)	(D)	11	2.4	2 926 000
Jones -----	42	4.4	179 083	3.1	150	.8	36 491 075
Kemper -----	15	10.9	(D)	(D)	—	—	—
Lafayette -----	9	12.4	146	16.2	—	—	—
Lamar -----	26	7.7	(D)	(D)	18	2.6	5 661 467
Lauderdale -----	12	9.5	377	13.3	—	—	(L)
Lawrence -----	13	9.4	(D)	(D)	4	6.6	1 665 600
Leake -----	33	5.1	383 820	3.2	109	.8	29 561 970
Lee -----	23	7.0	(D)	(D)	6	—	1 266 648
Leflore -----	3	23.0	(D)	(D)	—	—	—
Lincoln -----	18	8.5	275	11.3	3	—	1 501 022
Lowndes -----	9	10.7	154	15.3	—	—	—
Madison -----	18	9.5	180	13.4	—	—	—
Marion -----	27	6.7	40 769	8.7	3	10.0	(D)
Marshall -----	23	8.6	585	16.3	1	43.8	(D)
Monroe -----	9	11.2	182	9.9	1	35.0	(D)
Montgomery -----	9	14.6	109	16.6	—	—	—
Neshoba -----	18	8.8	56 242	11.0	65	.6	21 167 828
Newton -----	34	5.6	265 790	6.2	59	2.0	17 366 255
Noxubee -----	13	10.2	(D)	(D)	—	—	—
Oktibbeha -----	21	7.8	1 446	4.2	1	—	(D)
Panola -----	24	8.3	468	10.6	—	—	(D)
Pearl River -----	38	6.5	765	9.2	2	22.2	(D)
Perry -----	15	9.9	(D)	(D)	16	2.3	4 586 224
Pike -----	27	7.8	462	9.4	1	—	(D)
Pontotoc -----	22	7.9	601	14.8	2	—	(D)
Prentiss -----	16	10.4	515	17.2	—	—	—
Quitman -----	—	—	—	—	—	—	—
Rankin -----	18	6.8	146 629	1.7	44	—	17 554 489
Scott -----	46	3.7	612 394	1.5	164	.5	73 923 508
Sharkey -----	2	21.1	(D)	(D)	—	—	—
Simpson -----	31	4.7	1 478 010	(L)	101	1.0	38 481 870
Smith -----	22	7.3	168 395	6.6	206	.8	63 212 670
Stone -----	21	8.6	389	10.4	4	—	969 490
Sunflower -----	—	—	—	—	—	—	—
Tallahatchie -----	5	12.9	(D)	(D)	—	—	—
Tate -----	18	8.0	296	9.9	—	—	—
Tippah -----	25	6.5	1 582	11.6	2	20.8	(D)
Tishomingo -----	19	8.6	396	13.5	—	—	—
Tunica -----	3	21.7	21	23.0	—	—	—
Union -----	24	6.8	(D)	(D)	2	—	(D)
Walthall -----	24	6.4	339	6.7	—	—	—
Warren -----	4	15.2	54	15.4	—	—	—
Washington -----	3	12.9	(D)	(D)	—	—	—
Wayne -----	20	7.4	57 337	4.2	76	.5	17 887 253
Webster -----	5	19.8	115	23.4	1	42.9	(D)
Wilkinson -----	13	10.7	161	13.3	—	—	(D)
Winston -----	29	6.9	(D)	(D)	3	—	773 200
Yalobusha -----	10	11.3	174	12.3	—	—	—
Yazoo -----	17	8.4	268	8.5	—	—	—

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

TIPS [UPF] BATCH_1238 [ACEN,C_ARLEDGE] 9/22/94 10:04 AM MACHINE: EPCV23 DATA:VOL1_TIPS_APX_64.TIPS;1 * 9/15/94 10:16:00 TAPE: NO reel FRAME: 19 TSF:TIPS92-10164264.DAT;1 9/15/94 10:17:00 UTF:TIPS93-10164264.DAT;1 9/15/94 10:17:01 META:VOL1_TIPS96_APX_64.DAT;4 9/15/94 10:20:08

APPENDIX C C-25

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Selected crops harvested											
	Corn for grain or seed						Sorghum for grain or seed					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Mississippi ---	3 377	1.5	269 080	.6	23 869 788	.5	662	1.1	105 151	.6	7 172 050	.5
Adams-----	6	—	1 797	—	178 610	—	1	49.7	(D)	(D)	(D)	(D)
Alcorn-----	102	3.8	7 083	3.0	751 481	3.0	20	6.6	2 314	1.7	191 480	1.7
Armité-----	18	6.8	2 092	1.0	190 990	.8	1	—	(D)	(D)	(D)	(D)
Atala-----	26	6.3	607	2.3	48 168	1.2	2	—	(D)	(D)	(D)	(D)
Benton-----	75	3.3	8 691	2.6	946 425	2.6	1	—	(D)	(D)	(D)	(D)
Bolivar-----	12	8.2	1 987	1.0	169 690	1.7	12	4.9	1 489	.6	126 680	.6
Calhoun-----	72	4.3	2 903	2.6	258 188	2.4	26	6.3	2 217	5.6	145 050	5.4
Carroll-----	58	3.6	3 524	3.0	355 777	4.1	7	6.2	637	1.4	50 302	.3
Chickasaw-----	72	3.6	7 690	1.4	701 390	1.5	13	8.7	813	9.4	50 649	9.1
Choctaw-----	23	6.1	820	4.0	84 227	3.2	3	18.6	281	8.5	(D)	(D)
Claiborne-----	17	7.6	3 697	1.6	301 351	2.4	—	—	—	—	—	—
Clarke-----	27	7.0	292	7.8	15 515	11.4	2	22.8	(D)	(D)	(D)	(D)
Clay-----	29	5.3	4 710	1.6	485 990	.9	5	13.0	511	3.7	40 640	3.6
Coahoma-----	7	—	5 773	—	708 016	—	20	2.5	3 500	.1	283 597	.1
Copiah-----	15	7.6	2 281	2.2	187 950	1.6	1	—	(D)	(D)	(D)	(D)
Covington-----	55	5.2	2 089	7.4	132 781	7.2	2	24.1	(D)	(D)	(D)	(D)
De Soto-----	40	3.2	8 319	.4	1 033 050	.4	6	4.7	306	3.8	20 392	2.8
Forrest-----	15	7.8	1 183	2.7	147 809	1.7	6	11.2	707	8.5	70 135	12.0
Franklin-----	18	6.0	3 907	6.3	260 163	6.2	—	—	—	—	—	—
George-----	67	4.5	2 647	4.0	214 496	3.7	7	6.8	415	2.9	32 806	2.3
Greene-----	60	4.7	1 547	4.6	95 373	4.3	2	18.2	(D)	(D)	(D)	(D)
Grenada-----	18	6.2	1 196	2.2	123 486	2.0	3	11.7	136	12.9	—	—
Hancock-----	2	14.4	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Harrison-----	9	12.3	(D)	(D)	(D)	(D)	1	—	(D)	(D)	(D)	(D)
Hinds-----	42	5.6	2 203	1.7	181 168	1.3	7	—	1 601	—	95 289	—
Holmes-----	59	3.4	4 698	2.2	368 038	1.8	17	3.5	3 264	2.2	228 661	1.8
Humphreys-----	40	2.4	10 199	1.7	608 109	1.4	13	—	2 439	—	155 837	—
Issaquena-----	8	6.2	2 021	.3	218 770	.3	17	5.4	4 214	4.1	271 161	2.8
Itawamba-----	84	4.1	3 637	2.4	281 336	2.6	6	11.6	582	4.9	23 895	4.7
Jackson-----	15	9.4	596	10.4	45 408	10.5	—	—	—	—	—	—
Jasper-----	16	8.2	148	6.3	12 440	4.6	—	—	—	—	—	—
Jefferson-----	7	5.7	1 852	3.3	216 416	3.9	—	—	—	—	—	—
Jefferson Davis-----	54	4.7	2 345	7.4	121 495	6.9	1	—	(D)	(D)	(D)	(D)
Jones-----	31	6.4	439	7.0	17 739	9.6	2	—	(D)	(D)	(D)	(D)
Kemper-----	34	6.4	807	6.5	40 989	6.5	—	—	—	—	—	—
Lafayette-----	37	5.0	1 301	5.3	94 496	6.5	6	11.7	98	12.7	5 962	12.0
Lamar-----	30	7.6	884	10.0	57 095	11.3	2	25.0	(D)	(D)	(D)	(D)
Lauderdale-----	21	8.6	166	9.8	6 590	12.2	—	—	—	—	—	—
Lawrence-----	35	5.4	3 111	3.4	225 279	2.7	1	—	(D)	(D)	(D)	(D)
Leake-----	22	6.8	556	10.5	45 517	8.5	3	12.6	110	5.2	(D)	(D)
Lee-----	95	3.2	9 100	2.1	770 271	2.1	11	7.8	724	4.3	33 731	4.2
Leflore-----	51	.7	14 145	.1	1 512 547	.1	25	2.7	4 787	.7	379 295	.3
Lincoln-----	10	8.6	1 311	5.0	79 290	3.4	—	—	—	—	—	—
Lowndes-----	71	3.2	11 978	3.0	849 097	2.9	3	—	240	—	12 100	—
Madison-----	35	5.4	4 032	1.0	301 267	1.2	6	5.9	690	1.5	58 914	1.2
Marion-----	44	5.4	1 996	4.2	114 661	6.9	—	—	—	—	—	—
Marshall-----	91	3.9	6 497	4.1	693 049	4.2	9	7.4	1 008	1.6	57 415	1.3
Monroe-----	108	2.8	10 107	1.4	781 510	1.3	2	17.5	(D)	(D)	(D)	(D)
Montgomery-----	50	5.0	1 976	2.7	183 971	2.3	3	15.8	200	4.8	10 000	4.8
Neshoba-----	32	6.0	192	8.3	9 854	8.6	1	—	(D)	(D)	(D)	(D)
Newton-----	27	7.0	271	17.9	16 446	23.3	6	10.6	306	16.1	3 432	14.3
Noxubee-----	114	2.4	21 970	1.2	1 959 517	1.2	14	6.7	883	10.0	50 860	10.1
Oktibbeha-----	10	7.3	2 026	.5	132 605	.6	5	5.6	(D)	(D)	26 576	.5
Panola-----	54	3.7	4 763	.3	527 786	.2	12	3.9	1 898	3.1	109 937	.8
Pearl River-----	22	6.6	442	3.1	20 122	3.0	1	—	(D)	(D)	(D)	(D)
Perry-----	37	5.4	1 177	8.1	99 994	7.8	3	12.3	(D)	(D)	(D)	(D)
Pike-----	24	6.3	1 906	12.4	117 752	11.5	2	—	(D)	(D)	(D)	(D)
Pontotoc-----	86	4.0	3 877	3.2	367 361	2.9	4	24.1	196	31.6	11 220	36.1
Prentiss-----	69	4.0	4 103	1.8	370 325	1.7	11	10.8	631	11.5	29 998	11.5
Quitman-----	4	—	444	—	19 595	—	61	3.0	8 523	1.8	582 908	1.9
Rankin-----	20	6.4	1 799	5.7	133 620	6.1	2	16.0	(D)	(D)	(D)	(D)
Scott-----	36	5.9	749	3.7	56 607	2.5	—	—	—	—	—	—
Sharkey-----	14	—	4 555	—	437 660	—	26	1.7	7 610	2.6	592 559	2.9
Simpson-----	50	5.2	1 503	2.1	112 032	1.4	1	49.1	(D)	(D)	(D)	(D)
Smith-----	21	6.9	350	5.0	20 462	2.6	—	—	—	—	—	—
Stone-----	19	8.5	206	10.7	16 312	11.6	—	—	—	—	—	—
Sunflower-----	12	4.2	2 172	(L)	139 624	(L)	14	2.9	2 216	1.6	154 536	1.7
Tallahatchie-----	15	6.2	896	.8	105 192	.3	18	2.7	4 352	.3	213 972	.2
Tate-----	37	3.6	2 417	.7	287 934	.7	10	3.7	808	4.4	47 417	4.7
Tippah-----	171	2.6	5 507	2.1	491 271	2.1	6	13.2	219	13.1	14 466	13.4
Tishomingo-----	69	4.4	1 953	2.6	134 655	2.5	—	—	—	—	—	—
Tunica-----	14	3.0	1 975	(L)	216 900	(L)	27	2.8	5 418	.4	343 650	.5
Union-----	152	2.4	6 882	2.4	610 479	2.4	14	7.5	469	7.6	29 364	8.3
Walthall-----	32	5.6	2 187	2.8	122 050	2.9	7	5.6	860	11.4	62 400	12.6
Warren-----	18	3.0	3 649	2.3	319 282	2.5	5	8.8	991	24.4	63 420	18.1
Washington-----	23	2.0	2 030	.2	190 326	.2	58	2.2	11 926	1.4	865 263	1.4
Wayne-----	61	4.3	2 267	3.2	189 511	3.0	1	—	(D)	(D)	(D)	(D)
Webster-----	26	7.4	796	10.3	49 985	8.4	6	11.0	488	15.5	17 040	13.3
Wilkinson-----	14	8.1	1 333	1.9	147 298	.9	—	—	—	—	—	—
Winston-----	34	6.5	308	9.2	17 984	12.6	1	44.2	(D)	(D)	(D)	(D)
Yalobusha-----	35	5.1	896	2.8	76 540	1.9	10	5.8	672	.6	46 405	.3
Yazoo-----	92	2.1	12 192	.8	1 121 899	.7	61	1.9	19 731	.6	1 344 563	.3

See footnotes at end of table.

C-26 APPENDIX C

1992 CENSUS OF AGRICULTURE

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Selected crops harvested —Con.											
	Wheat for grain						Rice					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Hundredweight	
Mississippi ---	1 064	1.1	180 840	.5	6 749 633	.4	748	.9	270 497	.4	15 630 876	.4
Adams-----	1	-	(D)	(D)	8 227	6.7	-	-	-	-	-	-
Alcorn-----	7	13.4	277	8.0	-	-	-	-	-	-	-	-
Armité-----	-	-	-	-	-	-	-	-	-	-	-	-
Atala-----	5	9.1	386	2.7	19 720	1.1	-	-	-	-	-	-
Benton-----	5	6.7	351	3.8	13 440	3.0	-	-	-	-	-	-
Bolivar-----	108	2.2	22 577	1.1	814 668	1.2	209	1.4	80 399	.7	4 690 220	.7
Calhoun-----	10	8.4	678	6.0	34 854	5.2	-	-	(D)	(D)	(D)	(D)
Carroll-----	11	5.2	876	2.5	53 248	.9	1	-	-	-	-	-
Chickasaw-----	11	5.5	1 237	5.6	47 829	7.3	-	-	-	-	-	-
Choctaw-----	2	25.3	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Claiborne-----	1	-	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Clarke-----	-	-	-	-	-	-	-	-	-	-	-	-
Clay-----	5	9.2	807	3.4	42 719	3.5	-	-	-	-	-	-
Coahoma-----	66	2.2	18 239	1.0	714 916	.9	44	1.4	15 965	.7	1 010 195	.7
Copiah-----	4	17.0	365	19.9	10 300	17.3	-	-	-	-	-	-
Covington-----	5	8.7	902	.2	42 134	.2	-	-	-	-	-	-
De Soto-----	19	3.4	13 719	.1	432 095	.1	1	-	(D)	(D)	(D)	(D)
Forrest-----	5	14.7	191	18.6	6 826	18.0	-	-	-	-	-	-
Franklin-----	-	-	-	-	-	-	-	-	-	-	-	-
George-----	14	7.9	1 152	6.3	39 164	5.0	-	-	-	-	-	-
Greene-----	-	-	-	-	-	-	-	-	-	-	-	-
Grenada-----	5	-	921	-	39 570	-	5	12.5	992	10.4	50 868	9.7
Hancock-----	-	-	-	-	-	-	-	-	-	-	-	-
Harrison-----	-	-	-	-	-	-	-	-	-	-	-	-
Hinds-----	12	5.4	1 657	1.9	75 135	1.1	-	-	-	-	-	-
Holmes-----	11	8.2	1 097	5.1	39 526	7.3	7	8.4	2 128	7.0	114 147	6.6
Humphreys-----	37	3.3	5 466	1.8	208 787	1.7	26	3.2	7 449	2.5	435 311	3.5
Issaquena-----	22	2.4	4 405	.3	167 370	.4	5	-	3 081	-	170 525	-
Itawamba-----	7	10.7	855	3.4	19 325	5.5	-	-	-	-	-	-
Jackson-----	2	14.8	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Jasper-----	4	9.5	86	4.4	3 030	5.0	-	-	-	-	-	-
Jefferson-----	1	28.5	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Jefferson Davis-----	5	5.2	479	1.1	19 100	.8	-	-	-	-	-	-
Jones-----	6	8.3	1 169	6.9	31 944	6.6	-	-	-	-	-	-
Kemper-----	4	16.8	126	18.8	3 660	19.2	-	-	-	-	-	-
Lafayette-----	2	24.1	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Lamar-----	6	11.8	978	12.7	37 440	11.9	-	-	-	-	-	-
Lauderdale-----	-	-	-	-	-	-	-	-	-	-	-	-
Lawrence-----	6	10.2	222	6.3	10 040	6.5	-	-	-	-	-	-
Leake-----	4	13.3	157	10.5	5 670	11.8	-	-	-	-	-	-
Lee-----	27	4.9	1 703	3.6	37 798	3.6	-	-	-	-	-	-
Leflore-----	18	2.0	2 031	.1	70 676	.1	44	2.6	12 142	1.3	692 462	1.2
Lincoln-----	-	-	-	-	-	-	-	-	-	-	-	-
Lowndes-----	26	5.3	1 871	4.8	67 180	6.9	-	-	-	-	-	-
Madison-----	9	8.5	1 643	2.8	51 136	2.5	-	-	-	-	-	-
Marion-----	2	14.9	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Marshall-----	10	6.9	3 030	1.7	44 104	4.0	-	-	-	-	-	-
Monroe-----	36	4.8	3 742	2.2	114 951	1.9	-	-	-	-	-	-
Montgomery-----	4	16.2	110	17.9	5 400	19.7	-	-	-	-	-	-
Neshoba-----	2	23.2	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Newton-----	4	16.0	275	17.4	15 400	18.6	-	-	-	-	-	-
Noxubee-----	41	2.9	6 145	2.2	274 593	1.9	-	-	-	-	-	-
Oktibbeha-----	4	7.0	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Panola-----	15	5.8	2 855	2.9	126 203	1.3	9	1.8	1 511	.7	85 232	1.5
Pearl River-----	9	9.3	1 629	8.9	53 840	3.1	-	-	-	-	-	-
Perry-----	3	12.3	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Pike-----	2	23.7	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Pontotoc-----	14	9.2	931	9.5	24 887	6.9	-	-	-	-	-	-
Prentiss-----	20	6.2	2 753	3.4	95 575	3.7	-	-	-	-	-	-
Quitman-----	52	3.0	6 041	1.6	231 691	2.0	54	2.8	18 007	1.6	971 883	1.2
Rankin-----	6	11.7	305	14.7	13 995	15.3	-	-	-	-	-	-
Scott-----	2	-	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Sharkey-----	30	1.9	6 591	.5	275 240	.5	31	2.1	12 107	2.4	692 276	1.8
Simpson-----	3	15.5	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Smith-----	1	-	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Stone-----	2	-	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Sunflower-----	68	2.4	8 694	.9	254 631	1.1	124	1.6	42 838	.6	2 376 267	.6
Tallahatchie-----	22	3.3	2 286	1.5	74 992	1.6	42	1.9	12 246	1.4	762 352	1.1
Tate-----	10	6.7	1 969	1.0	95 886	.9	5	5.3	(D)	(D)	(D)	(D)
Tippah-----	6	11.1	547	6.8	16 446	9.1	-	-	-	-	-	-
Tishomingo-----	10	9.9	1 140	8.2	38 886	5.4	-	-	-	-	-	-
Tunica-----	49	2.2	12 943	1.0	552 966	.5	49	1.6	22 396	.5	1 152 520	.6
Union-----	8	10.2	317	10.6	11 813	11.3	-	-	-	-	-	-
Walthall-----	4	-	870	-	13 900	-	-	-	-	-	-	-
Warren-----	13	8.2	1 867	14.7	32 402	6.0	-	-	-	-	-	-
Washington-----	89	1.7	18 826	.4	797 623	.4	88	1.5	36 520	.5	2 270 560	.4
Wayne-----	3	8.8	445	4.8	8 730	9.5	-	-	-	-	-	-
Webster-----	-	-	-	-	-	-	-	-	-	-	-	-
Wilkinson-----	3	11.7	237	9.3	7 460	15.2	-	-	-	-	-	-
Winston-----	3	19.1	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Yalobusha-----	1	-	(D)	(D)	(D)	(D)	-	-	-	-	-	-
Yazoo-----	20	1.6	5 750	(L)	243 917	(L)	4	-	1 538	-	88 795	-

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

TIPS [UPF] BATCH_1238 [ACEN,C_ARLEDGE] 9/22/94 10:04 AM MACHINE: EPCV23 DATA:VOL1_TIPS_APX_64.TIPS;1 * 9/15/94 10:16:00 TAPE: NOreel FRAME: 21
TSF:TIPS92-10164264.DAT;1 9/15/94 10:17:00 UTF:TIPS93-10164264.DAT;1 9/15/94 10:17:01 META:VOL1_TIPS96_APX_64.DAT;4 9/15/94 10:20:08

APPENDIX C C-27

Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Selected crops harvested —Con.											
	Cotton						Soybeans for beans					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bales	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Mississippi ---	3 344	1.0	1 332 855	.3	2 075 048	.2	4 644	1.2	1 652 840	.4	53 569 740	.4
Adams-----	6	—	2 080	—	3 850	—	11	—	22 894	—	858 462	—
Alcorn-----	17	8.9	2 356	4.9	2 584	4.2	80	4.2	6 902	3.7	164 401	4.0
Armité-----	—	—	—	—	—	—	2	16.8	(D)	(D)	(D)	(D)
Atala-----	50	3.5	11 025	1.4	12 195	1.1	10	4.8	1 357	2.5	38 490	2.4
Benton-----	58	3.7	12 182	2.5	11 072	2.0	24	5.3	4 857	2.6	159 769	2.5
Bolivar-----	151	1.7	69 505	.4	117 678	.2	373	1.5	202 508	.6	7 408 100	.6
Calhoun-----	124	2.8	23 443	1.4	33 084	1.4	78	3.5	12 982	1.7	356 008	1.6
Carroll-----	61	3.0	16 084	1.4	26 626	1.3	36	3.4	6 559	2.3	168 112	2.1
Chickasaw-----	18	6.5	7 158	1.5	7 297	1.8	107	3.0	24 168	2.4	641 826	2.4
Choctaw-----	5	11.4	1 315	3.3	1 527	4.7	7	11.4	685	13.3	22 100	12.6
Claiborne-----	9	9.6	4 391	2.0	6 112	2.4	4	—	546	—	14 390	—
Clarke-----	—	—	—	—	—	—	—	—	—	—	—	—
Clay-----	8	5.7	2 300	.7	2 884	.5	43	4.2	18 107	1.6	541 025	1.4
Coahoma-----	131	1.4	100 082	.2	177 034	.2	173	1.3	108 519	.3	4 012 696	.3
Copiah-----	9	7.5	2 152	2.6	3 197	1.7	5	6.2	3 420	2.1	99 130	1.4
Covington-----	1	—	(D)	(D)	(D)	(D)	6	13.3	1 304	11.1	41 937	6.9
De Soto-----	38	3.0	16 108	.5	25 137	.3	59	2.7	30 608	.6	972 243	.5
Forrest-----	—	—	—	—	—	—	10	9.4	2 263	5.4	91 683	5.1
Franklin-----	3	13.4	297	7.9	307	8.2	1	41.0	(D)	(D)	(D)	—
George-----	—	—	—	—	—	—	18	6.7	3 080	5.5	92 077	5.2
Greene-----	—	—	—	—	—	—	6	12.3	430	9.4	11 528	10.4
Grenada-----	44	3.7	10 454	1.6	13 520	1.9	31	3.9	11 107	2.1	299 920	2.6
Hancock-----	1	—	(D)	(D)	(D)	(D)	2	25.2	(D)	(D)	(D)	—
Harrison-----	—	—	—	—	—	—	—	—	—	—	—	—
Hinds-----	44	3.4	16 340	1.2	22 500	1.3	37	3.7	9 919	1.6	293 905	1.5
Holmes-----	154	2.5	72 634	.8	102 490	.6	79	2.4	24 518	1.1	733 166	.6
Humphreys-----	141	1.6	57 631	.5	91 535	.3	128	1.7	36 680	1.3	1 271 691	1.4
Issaquena-----	72	2.0	29 205	.6	45 738	.6	86	1.8	53 742	1.0	1 845 589	.8
Itawamba-----	41	5.3	4 894	3.1	5 779	2.6	58	4.7	9 427	2.5	232 913	2.6
Jackson-----	—	—	—	—	—	—	10	11.1	1 531	7.9	45 372	7.8
Jasper-----	—	—	—	—	—	—	1	—	(D)	(D)	(D)	—
Jefferson-----	12	4.7	3 256	1.3	6 121	1.5	8	3.6	1 917	1.1	68 358	.9
Jefferson Davis-----	—	—	—	—	—	—	4	14.5	865	15.4	37 147	19.3
Jones-----	—	—	—	—	—	—	7	10.7	408	10.9	8 245	11.6
Kemper-----	1	—	(D)	(D)	(D)	(D)	8	10.0	493	6.6	16 335	5.2
Lafayette-----	36	4.8	4 779	4.2	5 728	4.1	19	6.8	1 903	4.0	55 873	4.5
Lamar-----	—	—	—	—	—	—	5	17.5	643	20.0	22 889	20.1
Lauderdale-----	—	—	—	—	—	—	—	—	—	—	—	—
Lawrence-----	—	—	—	—	—	—	11	8.9	3 721	3.2	98 584	2.9
Leake-----	15	7.0	2 326	5.4	3 376	5.1	6	8.9	1 452	9.9	36 650	11.4
Lee-----	26	4.9	6 204	1.1	7 888	.7	170	2.5	43 013	1.2	1 259 775	1.1
Leflore-----	172	1.2	94 763	.4	153 088	.3	189	1.1	71 319	.6	2 337 417	.4
Lincoln-----	—	—	—	—	—	—	4	14.5	235	16.8	5 450	17.3
Lowndes-----	31	4.4	7 997	3.2	9 799	3.1	67	3.3	24 449	2.2	599 875	2.4
Madison-----	82	2.2	44 287	.7	61 435	.6	38	3.4	7 743	3.1	221 478	3.8
Marion-----	—	—	—	—	—	—	—	—	—	—	—	—
Marshall-----	68	3.8	17 128	1.1	19 823	1.1	54	4.2	13 184	1.5	349 528	1.3
Monroe-----	54	3.4	13 426	1.2	18 562	1.2	150	2.5	41 506	1.6	1 190 025	1.5
Montgomery-----	61	3.9	10 946	2.1	16 506	2.4	19	8.1	1 787	7.7	47 378	7.5
Neshoba-----	—	—	—	—	—	—	2	21.4	(D)	(D)	(D)	—
Newton-----	—	—	—	—	—	—	6	11.2	2 140	7.1	74 850	6.0
Noxubee-----	15	5.8	5 655	3.1	8 983	2.7	142	2.3	42 776	1.6	1 219 816	1.6
Oktibbeha-----	3	9.3	395	7.1	550	4.1	29	5.2	5 488	3.9	122 925	3.8
Panola-----	105	2.2	41 809	.8	61 431	.8	123	2.6	35 070	1.2	940 415	1.0
Pearl River-----	1	—	(D)	(D)	(D)	(D)	12	7.0	2 795	2.8	49 429	3.9
Perry-----	—	—	—	—	—	—	7	11.1	1 749	9.0	51 567	9.4
Pike-----	—	—	—	—	—	—	5	13.3	364	9.1	14 616	8.4
Pontotoc-----	56	5.0	8 657	3.7	10 651	3.8	181	2.9	28 523	2.8	764 473	3.1
Prentiss-----	32	5.3	5 556	1.1	5 501	1.1	115	3.2	21 824	2.6	535 535	2.9
Quitman-----	107	2.1	40 127	.7	64 116	.5	183	1.8	82 099	.8	2 374 212	.6
Rankin-----	20	4.3	5 139	2.7	8 402	2.1	28	5.2	3 853	6.5	111 291	6.7
Scott-----	8	8.2	2 036	6.0	3 018	5.6	14	6.4	3 082	4.5	117 969	4.2
Sharkey-----	84	1.4	53 475	.2	101 591	.2	104	1.3	67 192	.6	2 366 223	.5
Simpson-----	—	—	—	—	—	—	4	12.3	410	3.6	16 174	4.1
Smith-----	1	—	(D)	(D)	(D)	(D)	1	—	(D)	(D)	(D)	—
Stone-----	—	—	—	—	—	—	3	16.3	825	4.2	(D)	(D)
Sunflower-----	196	1.4	107 920	.3	161 836	.3	251	1.3	106 459	.6	3 702 608	.5
Tallahatchie-----	158	1.6	72 172	.4	119 559	.3	199	1.7	87 848	.7	2 875 255	.6
Tate-----	67	3.0	14 059	1.6	19 502	1.5	88	3.1	13 103	1.8	410 631	2.1
Tippah-----	37	4.5	4 269	2.6	4 842	2.7	90	3.3	9 270	2.2	268 350	2.5
Tishomingo-----	8	9.4	900	3.1	706	2.4	31	6.4	3 625	8.2	82 055	6.8
Tunica-----	57	1.8	46 336	.2	83 005	.2	105	1.2	121 384	.4	3 945 292	.3
Union-----	68	3.2	7 594	1.7	7 836	1.9	156	2.2	19 827	1.6	505 612	1.7
Walthall-----	1	—	(D)	(D)	(D)	(D)	3	9.7	(D)	(D)	22 050	2.6
Warren-----	44	2.9	20 737	.5	28 795	.5	59	3.3	17 291	2.1	620 664	2.7
Washington-----	193	1.2	96 626	.3	171 531	.3	248	1.2	104 750	.7	3 866 016	.5
Wayne-----	—	—	—	—	—	—	4	11.5	600	8.8	18 653	8.3
Webster-----	58	4.4	15 959	1.8	24 395	1.6	20	7.3	2 709	4.2	75 690	3.8
Wilkinson-----	1	—	(D)	(D)	(D)	(D)	5	7.0	1 575	6.9	52 132	6.1
Winston-----	12	9.4	1 498	6.9	2 071	7.2	10	9.7	817	12.9	18 528	17.8
Yalobusha-----	42	4.3	10 601	1.5	13 982	1.5	33	4.8	4 392	1.6	113 728	1.5
Yazoo-----	226	1.3	101 104	.4	151 116	.3	139	1.5	46 495	.5	1 407 833	.4

See footnotes at end of table.

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Table F. Reliability Estimates for the State and County Totals: 1992 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Selected crops harvested —Con.					
	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)					
	Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
Mississippi ---	15 121	1.7	639 152	1.3	1 317 502	1.3
Adams -----	45	4.7	2 221	4.3	3 236	4.1
Alcorn -----	227	2.8	9 249	3.8	14 896	3.5
Amite -----	266	2.0	16 441	1.8	36 276	1.9
Attala -----	205	2.0	8 328	3.0	18 020	3.2
Benton -----	107	2.7	4 757	2.0	8 416	2.1
Bolivar -----	13	8.5	(D)	(D)	330	10.2
Calhoun -----	214	2.8	9 249	3.2	18 564	3.1
Carroll -----	211	2.2	11 011	2.0	24 742	2.0
Chickasaw -----	231	2.5	13 136	2.2	27 184	2.1
Choctaw -----	121	2.2	4 276	3.6	6 941	4.6
Claiborne -----	79	4.0	5 673	4.8	10 473	4.7
Clarke -----	183	3.0	6 816	2.9	14 904	3.2
Clay -----	183	2.9	10 088	2.9	20 520	2.6
Coahoma -----	9	10.0	522	9.5	601	16.4
Copiah -----	245	2.1	10 377	2.5	21 268	2.6
Covington -----	261	2.7	9 780	3.4	19 377	4.1
De Soto -----	228	2.2	12 170	2.0	26 665	2.2
Forrest -----	99	3.0	2 694	3.7	5 150	5.3
Franklin -----	87	2.9	2 713	2.9	6 038	4.2
George -----	169	3.3	4 010	3.3	8 737	3.4
Greene -----	171	2.9	5 114	2.9	9 451	3.3
Grenada -----	109	2.5	7 018	2.1	15 316	2.2
Hancock -----	73	3.3	3 032	4.6	4 506	5.8
Harrison -----	70	4.2	1 080	4.5	1 694	4.4
Hinds -----	313	2.3	14 420	1.8	32 389	1.9
Holmes -----	146	3.1	8 315	2.7	13 153	3.2
Humphreys -----	10	9.4	420	4.9	563	4.8
Issaquena -----	8	8.7	550	.4	1 385	.6
Itawamba -----	215	2.7	5 655	3.7	14 723	5.1
Jackson -----	76	3.7	2 469	4.7	4 662	7.1
Jasper -----	223	2.3	8 871	3.0	18 609	3.0
Jefferson -----	76	3.5	4 243	5.0	7 887	6.0
Jefferson Davis -----	241	2.7	8 844	2.7	17 944	3.0
Jones -----	383	1.9	12 967	1.9	28 726	1.9
Kemper -----	238	2.5	9 562	2.5	17 780	2.6
Lafayette -----	202	2.3	9 682	2.9	16 521	3.9
Lamar -----	165	3.3	5 261	4.4	12 686	3.9
Lauderdale -----	218	2.7	8 863	2.4	14 198	2.7
Lawrence -----	186	2.8	5 957	3.4	12 836	3.7
Leake -----	345	1.9	11 589	2.0	27 871	2.2
Lee -----	288	2.2	11 738	2.0	23 828	2.0
Leflore -----	10	10.6	477	3.3	1 016	6.3
Lincoln -----	289	2.1	13 025	2.4	26 634	2.6
Lowndes -----	125	2.6	9 114	1.8	16 376	2.3
Madison -----	189	2.7	9 519	2.9	18 507	3.5
Marion -----	263	2.4	10 753	2.2	24 661	2.3
Marshall -----	259	3.0	13 164	3.0	25 183	2.7
Monroe -----	230	2.0	11 033	1.9	23 436	2.2
Montgomery -----	131	3.0	6 321	3.0	11 981	3.3
Neshoba -----	480	1.8	19 094	1.6	38 588	1.8
Newton -----	349	2.3	13 084	2.9	32 416	2.9
Noxubee -----	178	2.5	9 961	2.1	20 280	2.1
Oktibbeha -----	187	2.7	12 818	2.7	24 846	2.8
Panola -----	272	2.3	11 757	3.1	20 591	2.8
Pearl River -----	202	2.6	11 079	1.8	26 998	1.1
Perry -----	101	2.8	2 588	3.7	5 897	4.8
Pike -----	275	2.5	14 553	2.4	30 351	2.6
Pontotoc -----	257	2.5	8 549	3.4	14 937	3.3
Prentiss -----	159	2.9	4 683	3.7	9 744	4.1
Quitman -----	5	12.3	1 040	16.2	660	12.7
Rankin -----	304	1.9	11 016	1.9	25 906	2.2
Scott -----	390	1.7	15 309	1.7	36 417	1.9
Sharkey -----	2	—	(D)	(D)	(D)	(D)
Simpson -----	318	2.5	10 422	2.7	22 925	2.8
Smith -----	380	2.1	10 928	2.5	26 823	2.6
Stone -----	96	3.8	4 293	4.6	9 126	5.5
Sunflower -----	17	7.8	862	7.5	1 204	4.7
Tallahatchie -----	111	2.8	5 922	3.2	11 557	3.2
Tate -----	265	2.1	14 790	1.9	35 132	1.4
Tippah -----	320	2.1	8 856	2.5	16 176	2.8
Tishomingo -----	145	2.9	4 002	4.2	7 549	4.5
Tunica -----	4	12.4	1 917	.5	(D)	(D)
Union -----	315	1.8	8 119	2.1	17 263	2.8
Walthall -----	374	1.8	19 247	1.4	43 929	1.5
Warren -----	54	4.3	2 944	5.0	6 201	4.0
Washington -----	24	5.7	1 706	9.0	1 992	7.8
Wayne -----	255	2.3	8 408	2.4	18 245	2.8
Webster -----	155	2.9	5 866	3.3	9 598	3.2
Wilkinson -----	99	3.1	7 516	2.8	16 727	2.5
Winston -----	306	2.4	10 958	2.9	19 588	3.0
Yalobusha -----	139	2.6	6 818	3.2	12 047	3.2
Yazoo -----	148	2.6	7 003	2.1	13 552	2.5

¹Data are based on a sample of farms.

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**Table G. State Estimates of the Not on the Mail List Component of Farm Coverage Error:
1992**

[Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text]

Item	Census published farms		Not on mail list ¹		Percent not on mail list ¹	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
Farms ----- number	31 998	1.7	5 538	17.0	14.8	2.3
Land in farms ----- acres	10 188 362	.8	334 309	23.4	3.2	.7
Average size of farm ----- acres	318.4	1.9	60.4	19.9	(X)	(X)
Farms by size:						
Less than 10 acres -----	1 122	2.5	456	50.8	28.9	10.7
10 to 49 acres -----	5 796	2.4	3 218	23.1	35.7	5.4
Less than 50 acres -----	6 918	2.4	3 675	21.0	34.7	5.0
50 acres or more -----	25 080	1.6	1 863	23.9	6.9	1.5
50 to 99 acres -----	6 241	2.1	1 052	30.8	14.4	3.8
100 to 179 acres -----	6 556	2.0	275	63.8	4.0	2.5
180 acres or more -----	12 283	1.3	536	45.6	4.2	1.8
Harvested cropland ----- farms	22 245	1.6	2 377	21.2	9.7	1.9
acres	4 404 612	.5	100 113	33.0	2.2	.7
Farms by value of sales:						
Less than \$1,000 -----	4 876	2.5	2 334	25.0	32.4	5.4
\$1,000 to \$2,499 -----	4 984	2.4	1 109	35.3	18.2	5.2
Less than \$2,500 -----	9 860	2.4	3 443	21.8	25.9	4.1
\$2,500 or more -----	22 138	1.5	2 095	22.3	8.6	1.7
\$2,500 to \$9,999 -----	10 466	2.2	1 390	27.5	11.7	2.8
\$10,000 or more -----	11 672	1.2	704	37.8	5.7	2.0
Market value of agricultural products sold \$1,000	2 336 737	.3	20 490	26.4	.9	.4
Farms by standard industrial classification:						
Crops (01) -----	9 769	1.5	1 238	31.0	11.2	3.1
Livestock (02) -----	22 229	1.8	4 300	19.5	16.2	2.8
Farms by type of organization:						
Individual or family -----	28 263	1.8	5 364	17.1	16.0	2.4
Partnership or corporation -----	3 604	1.2	174	(H)	4.6	4.4
Other -----	131	3.1	-	(X)	-	(X)
Farms by tenure of operator:						
Full owners -----	20 168	1.9	4 686	18.3	18.9	3.0
Part owners and tenants -----	11 830	1.5	851	36.8	6.7	2.3
Part owners -----	8 856	1.5	725	39.7	7.6	2.8
Tenants -----	2 974	1.6	126	96.3	4.1	3.8
Operators by place of residence:						
On farm operated -----	21 521	1.7	1 981	25.4	8.4	2.0
Not on farm operated -----	7 252	1.8	518	54.1	6.7	3.4
Not reported -----	3 225	1.8	3 039	21.2	48.5	5.6
Operators by principal occupation:						
Farming -----	14 463	1.4	653	39.9	4.3	1.7
Other -----	17 535	2.1	2 641	23.8	13.1	2.8
Operators by sex:						
Male -----	29 479	1.7	4 840	17.7	14.1	2.2
Female -----	2 519	2.0	697	44.4	21.7	7.6
Operators by race:						
White -----	29 475	1.7	2 592	23.3	8.1	1.7
Black and other races -----	2 523	2.4	702	45.1	21.8	7.8
Operators by years on present farm:						
4 years or less -----	3 958	2.2	749	39.7	15.9	5.3
5 years or more -----	20 655	1.6	1 220	33.7	5.6	1.8
Average years on present farm -----	19.2	2.3	12.3	34.7	(X)	(X)
Not reported -----	7 385	1.9	3 569	19.8	32.6	4.6
Average age of operator -----	55.3	2.4	57.1	21.0	(X)	(X)

Note: These estimates do not account for incorrectly classified farms or farms appearing more than once in the census and are subject to change in the 1992 Coverage Evaluation publication. See appendix C text for further explanation.

¹Estimates are based on a sample survey conducted independently of census data collection.